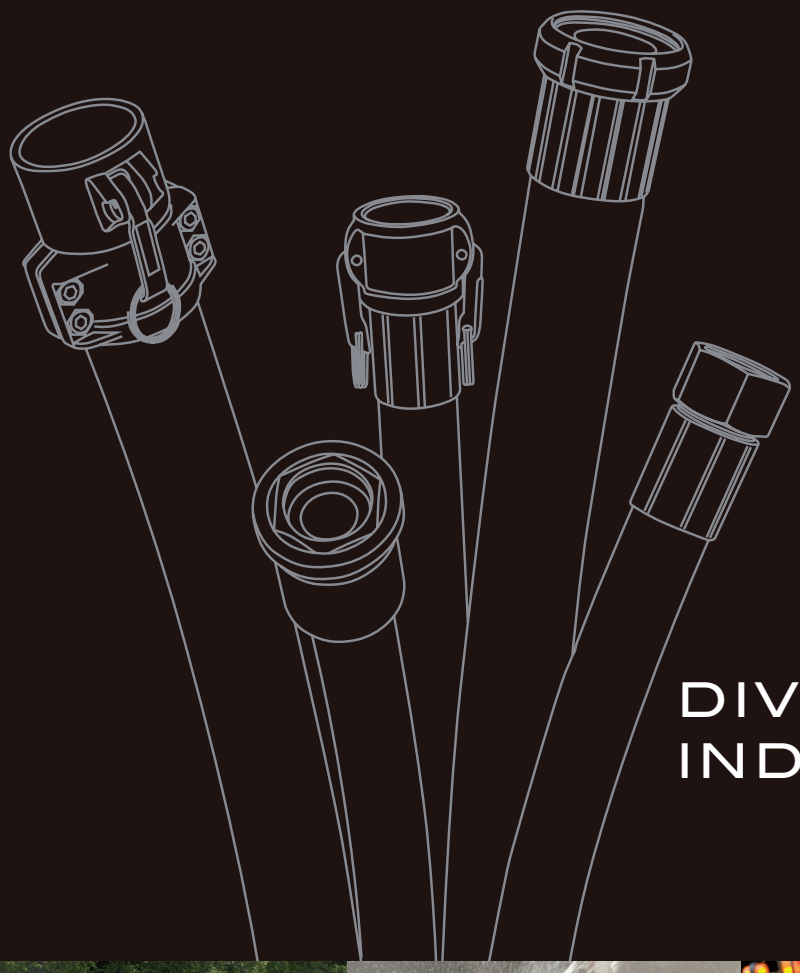
ALFAGOMMA INDUSTRIAL CATALOGUE INDUSTRIEL



DIVISION INDUSTRIEL
INDUSTRIAL DIVISION

TUYAUX INDUSTRIELS
INDUSTRIAL HOSE








ALFAGOMMA

General Index

INDUSTRIAL HOSE CATALOG 7

CHOICE, STORAGE, USE & MAINTENANCE 168

CHEMICAL GUIDE & CHEMICAL RESISTANCE CHART 172

Chart Symbols


Internal diameter


Outside diameter


Maximum working pressure


Minimum bend radius


Vacuum


Weight

Descriptive Symbols

Minimum Bend Radius=
2 x Internal Diameter

Minimum Bend Radius=
3 x Internal Diameter

Tube Abrasion Resistance

Tube Abrasion Resistance


Low Temperature Resistance


High Temperature Resistance

Electrical resistance along
the conductive layers
≤ 10^6 Ω/length


Oil Resistance

Conductive Tube & Cover

High Performance Product

2007/19/EC

DNV Approved

Phosphate Free

IANESCO Approved

LLOYD'S Approved

Matérieles Sapeurs-
Pompiers Approved

MSHA Approved

RINA Approved

Electrical resistance
through the hose wall
≤ 10^9 Ω

Since ALFAGOMMA continually examines ways to improve products, we reserve the right to change specifications without prior notice.

Weights and dimensions are nominal.

Pictures shown are for illustration purpose only. Actual hose construction might be different.

Refer to local price list for items available in the different sales area, included available lengths and stock lengths.

INDEX BY FAMILY

MANDREL

131AA....158
132AE....40
140AK....40
142AK....41
146AK....157
151AA....155
151AK....155
155AK....39
157AA....156
157AK....156
160AA....43
170AA....158
202AA....53 & 110
203AL....71
210AA....62
222AA....54
225AA....160
226AA....161
230AH....153
240AA....159
241AA....160
242AA....162
245AA....161
248AE....55
251AA....62
253AA....53
254AL....71
343AA....69
340AH....66
341AH....67
344AH....66
345AH....67
350LE (Z)....76
350LL....65
351LG....64
352AA....65
357AG....64
405LE....78
405LH....78
410LL....75
412LE....77
415LI....152
442LI....151
448LI....152
452LE/LH....75
503AA....110
505OG....111
509OE....111
519OE....112
529AA....112
6C1AA....122
6D1AA....123
601AA....120
604AA....130
605AA....121
606AE....122
609AA....124
60AAA....141
60DAA....142
60GAA....144
60LAA....141
60MAA....142
60NAA....143
611AA....129
612AA....167
613AE....123
614AA....130
615AA....148
620AA....125
621AA....137
629AA....125
641AA....150
642AA....146
644AA....131
646AA....146
648AA....147
64AAA....143
64DAA....144
650AH....121
652AA....147
653AA....136
656AA....129
658AA....128
659AA....128
660AA....166
702AA....60
707AA....163
714HA....91 & 166
714HAR....91
715AA....149
720AA....92
720LG....86
725AA....150
727AA....151
737AA....103
738AA....104
740AA....104
742AA....148
748AA....149
750AA....107
753AA....107
754AA....103
756AA....162
757AA....108
759AK....108
760AA....92
760LB....86
765AA....163
776AA....165
776JA....165
902AA....41
903LE....42 & 77
906AA....145
949AA....87
953AE....153
957LL....72
964AA....167
SJMD....61
L179AA/806AA/FLEXOR 6....42

LONG LENGTH

081AH/AG....117
174AA....37
175AH....37
L179AA....42
283AH....61
688AA....118
689AA....118
Fuel Line....119
GLACIER....38 & 126
L270AA Auto Heater Hose....69
VERSICON....38

THERMOPLASTIC PRESSURE

189AK....157
220....44 & 80
221....45
289GG....159
A1243....43
A1263....44
A1661....58
A1687....59
A4143S....114
ALFAFLEX....56
ALFAFLEX PU....57
K010....80
K1231....45
K1234....45
K1236....45
K1131....46
K1134....46
K1136....46
K1137....46
K1138....46
K1154....46
K1156....46
K4131....58
K4132....58
K4137....58
K3150....50 & 81
K3130....50 & 81
L155KK....39
L248AI SNOWSTORM....55
L350LE-Z Alfaflex Aqua....76
ND....56 & 124
NS/NSB....47
P286EE....52
P288HH....52
US SERIES....47

THERMOPLASTIC SUCTION

278: 300EPDM....99
2001....84
2020....93
266GL/Type K....51
266LL....137
266OA....59
268LL....51
468OH/FT....79
470LL....138
668EL....119
673AA....120
967OL....87
Amphibian AMPH SERIES....94
FT/468 SERIES....79
GT SERIES....19 & 97
GTF SERIES....88
K4131....58
K7300/43700....82
K7130/47000....82
K7160....83
MH....136
MILK/-LT/466OC....78
MULCH....98
OV....134
ORV....135
PLAS-T-FLO™....97
TY....99
TSD....100
TR-1™ 180AR....100
TR-2™....101
TDH....131
TDHBK....132
TV....132
TVHD....133
UVF....83
UREFLEX-1/T767....93
UREFLEX-2....95
UREFLEX-UFC Series....94
UREVAC-1....95
UREVAC-2....96
UREVAC-3....96
VOLT™....85
VLT-SD™....85
W....98
WE....89
WST - Kanaline SR....54
WSTF....84
WT....88
WOR....135

COMPOSITE

5N551....113
5N331....113
5J533....114
6J541....126
6J511....127
C-6P7-51 (6N111)....127

DUCTING & VENTILATION

ACCESSORIES....33
ARD....20
ARH....21
CUFFED END....13
COUPLERS....33
CUFFS....26
CVD.020....18
CVD....18
CVD-AP....22
DURA-FLEX D....26
END FINISHES....28
FLEXFAST COUPLINGS....32
FLEX-FLYTE®....31
GEX-FLT....34
GT SERIES....19
HTR....24
L1 FLEX-FLYTE®....29
L9-DSF FLEX-FLYTE®....29
LR-1 FLEX-FLYTE®....30
PA-EX....17
RFH....10
RFH.045....13
RFH-PLUS....10
RFH-WHITE....11
RFH-W....11
SDH....12
SLP-10....20
TD-S/TD-HS....17
TFE-S FLEX-FLYTE®....31
THERMA-COOL....27
TP-W....28
TIGER-DUCT™ EDB....34
U9-SSF FLEX-FLYTE®....30
UFD-SD....12
UFD....14
UFD.020....14
UFD.045....15
UFD.060....15
UFD-AP....21
VAC-U-FLEX....23
VAC-U-FLEX CMD....23
VAC-U-FLEX EH-L....24
VAC-U-LOK®....25
VH2000....25
WH SERIES....19
1PV-EP-HM/ 1PN-EP-HM....27
2CN....16
2PN....16
333....22
94264/GEX RA300....35
92556/GEX-F250....35
92263/800....35
92518/GEXRY30....35
92517/GEX-F475....35
92261/GEX-DF25....35
94516/GEX-DSR600....35
92262/GEX-AEL40....35

INDEX BY CHAPTER

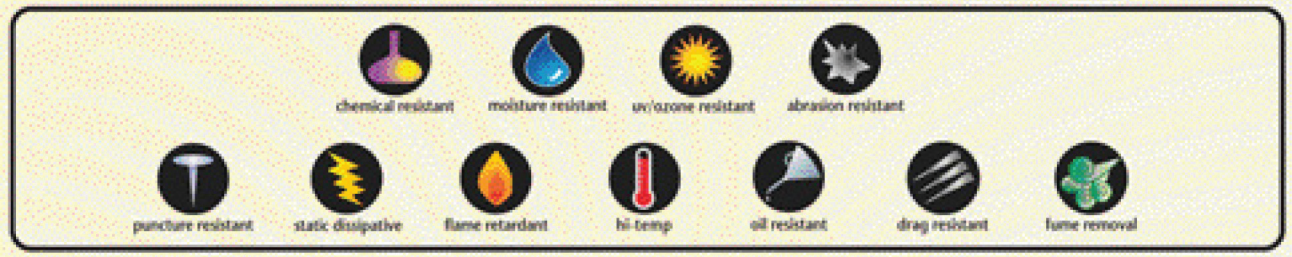
HOSE

DUCTING & VENTILATION	10
COMPRESSED AIR	37
WATER & LIQUIDS	50
AGRICULTURE	58
FIRE FIGHTING	61
HOT WATER & STEAM	64
FURNACE & CABLE COOLING	71
LIQUID & BULK FOODS	75
BULK FOOD	83
BULK MATERIALS	91
CONCRETE	103
SANDBLAST & GUNITE	107
CHEMICAL	110
FUEL & OIL	117
HYDROCARBONS	118
MARINE	136
DOCK	141
FLOATING ROOF TANK DRAIN	145
RIG SUPPLY	146
MINING	155

Alfagomma offers the most comprehensive hose & ducting product line in the industry today! We will continue to offer high-quality, and cutting edge products to the industry

Innovative products by motivated people.

Icon Guide to Assist in Choosing the Best Hose or Duct for Your Application



Why Buy RFH Series Hose?

- **Wider temperature range**
- **Superior chemical resistance**
- **Better abrasion resistance**
- **Versatility**
- **Wearstrip capabilities**
- **Better UV, moisture & weathering resistance**
- **Outstanding flex fatigue resistance**
- **Air tight**
- **Better looking product to sell**
- **Will not set to shape of box when packed**

ALFAGOMMA
SETTING NEW STANDARDS

DUCTING & VENTILATION

ALFAGOMMA

INDUSTRY & APPLICATION

Industry	Application	Hose Type
Air Cleaning & Purifying	Ventilation & Fresh Air Intake	RFH, SVUF, TPE, CVD
Automotive	Defroster Duct, CAC Units	L-9, L-1, Dura-Flex “D”, HTR, STS
Carpet & Car Wash	Vacuum Hose & Dryer Duct	VH2000, Vac-U-Lok, RFH
Chemical Plants	Fume Control	RFH, CVD, UFD, TPU, TFE-S, PA-EX
Computer Chip Manufacturing	Chemical Fume Removal	RFH, TFE-S, CVD, SVUF, ARH
Conduit	Cable Covers & Protectors	ARH, SVUF, Vac-U-Lok, J-11
Corrugated Box Manufacturing	Dust Control	RFH, CVD, UFD, 2PN
Duct Cleaning Services	Duct Cleaning	ARD, WPE, RFH-W, TBH-W, TDHS
Electronic Equipment	Fume Control & Cooling	RFH, L-1, SVUF, TPE, CVD, J-11
Electroplating	Fume Control	RFH, CVD, L-9, L-1, TPU, UFD.020
Exhaust Systems	Carbon Monoxide Removal	PA-EX, RFH, L-9, GEH
Fans	Exhaust, Ventilation, Dehumidification	1PV-EP-HM, RFH, VF, SLP-10
Floor Care Equipment	Suction, Air Intake, Solution Drain	SVUF, CMD, J-11, TPU
Flour Mills	Static, Dust Collection, Product Transfer	UFD-SD, SDH, UFD.060
Foundries	Fume, Dust Control, Ventilation	RFH, PA-EX, CVD, UFD, L-9
Furnace Cleaning	Dust Control	TDHS, RFH-W, UFD, TBH-W
Furniture Manufacturing	Dust & Chip Control	UFD, RFH, SVUF, TPU, CVD
Grain Mills	Dust Collection, Static	UFD-SD, UFD, 2PN-C
Ground Support	Lavatory Hose, AC & Heater Duct	UFD, 2PV, Therma-Cool, 1PV-EP
Hospitals	Fresh Air Intake & Ventilation	RFH-White, ARD, SLP-10, VF, ARD
Insulation Companies	Insulation Blowing	333
Lawn Mowers - Riders	Grass Collection	UFD, UFD-AP, UFD.045, CVD-AP
Leaf Collectors	Leaf Collection	UFD.045 & .060, TBH-W, RFH-W.045
Marine Industry	Bilge Ventilation, AC & Heat	VF, SVUF, RFH, TPU, TPE
Metal Fabrication	Oil Mist Collection	SVUF, TPU, UFD
P.C. Board Manufacturing	Fume Control	RFH, TFE-S, CVD, SVUF, ARH
Paper Mills	Fume, Moisture, Drying Control	RFH, L-9, UFD, CVD, TPE, TPU
Pharmaceutical	Fume Ventilation	RFH-White, TPU, UDF-SD, CVD, SVUF
Plastics Industry	Pellet Conveying, Heat Transfer, Drying	SDH, EH-L, L-9, L9-I, RFH-Plus, MT-2
Plating Equipment	Fume Removal	RFH, CVD, SVUF, TPE, L-9, MT-2
Pollution Control	Fume & Dust	RFH, 1PV-EP-HM, CVD, TPE
Portable Heaters/AC	Air Transfer	1PV-EP, 1PN-EP, Therma-Cool, TP-W
Racing Markets	Brake Cooling & Fresh Air Intake	Duct L-9, HTR, Duraflex “D”, MT-2
Railroads	HVAC & Water Discharge	RFH, VF, SLP-10, J-11, SVUF, TPE
Rental Market	Heat & AC Duct	1PV-EP, 1PN-EP, Therma-Cool
RV Manufacturing	Lav Disposal/Defroster& AC Duct	Duraflex “D”, J-11, ARH, UFD, EH-L
Saw Mills	Dust & Chip Control	RFH, UFD, UFD.045, RFH-Plus
Sheet Metal Houses	Dust & Fume Removal	SVUF, RFH, UFD, 2PN, CVD
Ship Yards	Air & Fume, Dehumidification	PFR, 2PN, 1PV-EP, ARH, 2PV-HM
Street Sweepers	Replacement Hose	UFD, UFD.045, RFH.045
Textile Mills	Dust & Lint Control	RFH, SVUF, UFD, TPU, RFH-Plus
Truck & Bus Manufacturing	Defroster Duct	Duraflex “D”, J-11, HTR, PEH, BVH
Welding Shops	Fume Exhaust	2PN/1PN, PFR, RFH
Woodworking Shops	Dust Collection	SVUF, RFH, TPU, CVD, EH-L

DUCTING & VENTILATION / CONDUIT ET VENTILATION


RFH General purpose hose 10


RFH-PLUS Fabric reinforced, All purpose hose 10


RFH-WHITE General purpose hose - Pharmaceutical, FDA 11


RFH-W General purpose - Drag resistant Wear Strip 11


SDH Smooth interior 12


UFD-SD Static dissipative 12


RFH.045 Heavy duty all purpose hose 13


CUFFS Cuffed end finishes: Tight seal 13

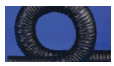

UFD Severe service 14

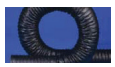

UFD.020 Light weight, Oil mist 14


UFD.045 Heavy duty: Severe service 15


UFD.060 Heavier duty: Severe service 15


2CN Rugged 16


2PN Flame retardent 16


PA-EX High temperature 17


TD-S/TD-HS Drag resistant 17


CVD Economical, General purpose hose 18


CVD.020 Lightweight 18


GT Light-duty PVC dust collection and blower hose 19

WH Medium-duty PVC suction, blower and ducting hose 19


ARD Economical, Air duct cleaning 20


SLP-10 Air ventilation 20


ARH Economical, General purpose hose 21

DUCTING & VENTILATION


UFD-AP Severe service, Smooth interior 21


CVD-AP Light duty, Material handling 22


333 Insulation blowing 22


VAC-U-FLEX SUPER VAC-U-FLEX®, Industrial vacuum 23


VAC-U-FLEX SUPER VAC-U-FLEX® CMD, Excellent flexibility 23


VAC-U-FLEX SUPER VAC-U-FLEX® EH-L, Light duty 24


HTR Heater, defroster and A/C hose 24


VAC-U-LOK® VAC-U-LOK® Crush reisitant 25

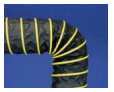

VH2000 Vacuum 25


CUFFS Accessories 26


DURA-FLEX D DURA-FLEX “D”, Heater/Defroster 26


1PV-EP-HM/ 1PN-EP-HM 1PV-EP-HM/1PN-EP-HM, Blower hose 27


THERMA-COOL THERMA-COOL PV&PN, Insulated heat and A/C 27


TP-W High temperature 28


FINISHES END Finishes for 1PV-EP-HM, 1PN-EP-HM, THERMA-COOL & TP-W 28

FLEX-FLYTE®


L1 FLEX-FLYTE® L1, Light weight 29


L9-DSF FLEX-FLYTE® L9-DSF, Heavy weight 29


U9-SSF FLEX-FLYTE® U9-SSF, Light weight 30


LR-1 FLEX-FLYTE® LR-1, Smooth interior 30

CONDUIT ET VENTILATION

R FLEX-FLYTE® R, Abrasion resistant 31

TFE-S FLEX-FLYTE® TFE-S, Teflon® liner 31

FLEXFAST COUPLINGS Accessories 32

ACCESSORIES ACCESSORIES, Connectors 33

COUPLERS COUPLERS, Connectors 33

TIGER-DUCT™ TIGER-DUCT™ EDB..... 34

EXHAUST HOSE Crush Proof 34

94264/ GEX RA300 Universal adapter 35

92556/ GEX-F250 Tailpipe adapter..... 35

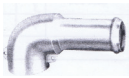
92263/800 Aluminum Y adaptor 35

92518/ GEXRY30 Rubber y adaptor 35

92517/ GEX-F475 Dual tailpipe adaptor 35

92261/ GEX-DF25 Door port 35

94516/ GEX-DSR600 Deisel stack 35

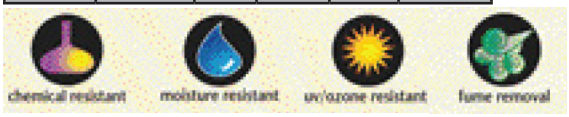


92262/ GEX-AEL40 Deisel elbow adaptor 35

DUCTING & VENTILATION

ALFAGOMMA

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
1.25	1.49	28	1.50	>29	.11
1.50	1.75	24	1.75	>29	.22
1.75	2.00	22	2.00	>29	.23
2.00	2.27	17	3.50	>29	.24
2.25	2.57	15	3.75	28	.26
2.50	2.77	13	4.00	28	.29
3.00	3.27	10	4.25	28	.32
3.50	3.77	10	5.25	20	.41
4.00	4.29	10	6.50	25	.50
5.00	5.29	9	8.00	15	.63
6.00	6.29	8	8.75	11.5	.85
7.00	7.35	7	10.50	10	.95
8.00	8.35	6	12.00	5.5	1.20
9.00	9.38	5	12.25	5	1.53
10.00	10.38	4	12.50	5	1.63
12.00	12.38	4	13.75	4	1.90
14.00	14.48	2	18.00	2	1.87
16.00	16.48	2	21.00	2	3.19
18.00	18.28	2	21.50	2	3.36
20.00	20.50	1	25.50	2	3.63
24.00	24.50	1	36.00	1	3.81



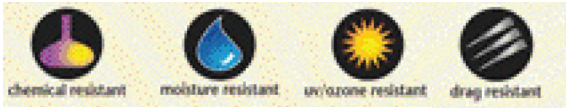
RFH

General purpose ducting
Conduit à usage multiple

Construction: Thermoplastic, rubber reinforced with a wire helix
Features: Most versatile general purpose hose available today; No cements, glues or adhesives are used in manufacturing process; Superior chemical resistance; Good abrasion resistance; RFH-FR (flame retardant) version available; Other colors and with cuffed ends as well as metric diameters available.
Temperature: -60 °F to +275 °F (intermittant to 300 °F)
Standard colors: black
Standard lengths: 25', 50' (available up to 100")
Size range: 1 1/4" to 24"

Construction: Élastomer noir incorporé d'un fil d'acier spirale. Bonne résistance à l'abrasion, aux produits chimiques et aux conditions climatiques. Excellent pour basse et haute température. Recommandé pour l'aspiration de poussières légères, brins de scie, vapeurs et autres particules abrasives. Disponible avec bande de protection extérieure pour plus de résistance à l'usure. Longueurs de 25'.
Éclat de température: -60 °F à +275 °F.

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
2.00	2.27	50	3.50	>29	.23
2.25	2.52	42	3.50	>29	.27
2.50	2.77	36	4.00	29	.30
3.00	3.27	29	4.25	28	.34
3.50	3.77	28	4.50	28	.56
4.00	4.29	27	4.75	28	.54
4.50	4.77	25	5.50	22	.67
5.00	5.29	25	6.00	19	.73
6.00	6.29	18	7.50	16	1.17
7.00	7.35	15	8.25	15	1.35
8.00	8.35	13	9.00	15	1.67
10.00	10.38	8	11.00	10	1.52
12.00	12.38	8	13.00	8	1.93
14.00	14.48	6	16.00	6	2.96
16.00	16.48	5	20.00	3	3.38
18.00	18.48	2	24.00	1	3.80
20.00	20.50	1	28.00	1	4.23



RFH-PLUS

Fabric reinforced, All purpose hose
Renforcé de textile, Tuyau á usage multiple

Construction: Thermoplastic, rubber with polyester fabric reinforced with a wire helix
Features: Improved puncture, moisture and tear resistance; Higher temperature range than néoprin/fabric; hoses; Tremendous versatility; Available with wearspring; RFH-FR (flame retardant) version available and cuffed ends finishes.
Temperature: -60 °F to +275 °F (intermittant to 325 °F)
Standard colors: black
Standard lengths: 25', 50'
Size range: 2" to 20"

Construction: Élastomer noir incorporé d'un fil d'acier spirale. Bonne résistance à l'abrasion, aux produits chimiques et aux conditions climatiques. Excellent pour basse et haute température. Recommandé pour l'aspiration de poussières légères, brins de scie, vapeurs et autres particules abrasives. Disponible avec bande de protection extérieure pour plus de résistance à l'usure. Longueurs de 25'.
Éclat de température: -60 °F à +275 °F.

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
1.25	1.49	28	1.50	>29	.11
1.50	1.75	24	1.75	>29	.22
1.75	2.00	22	2.00	>29	.23
2.00	2.27	17	3.50	>29	.24
2.50	2.77	13	4.00	28	.29
3.00	3.27	10	4.25	28	.32
3.50	3.77	10	5.25	20	.41
4.00	4.29	10	6.50	25	.50
5.00	5.29	9	8.00	15	.63
6.00	6.29	8	8.75	11.5	.85
7.00	7.35	7	10.50	10	.95
8.00	8.35	6	12.00	5.5	1.20
10.00	10.38	4	12.50	5	1.63
12.00	12.38	4	13.75	4	1.90
14.00	14.48	2	18.00	2	1.87
16.00	16.48	2	21.00	2	3.19
18.00	18.28	2	21.50	2	3.36
20.00	20.50	1	25.50	2	3.63
24.00	24.50	1	36.00	1	3.81

RFH-White

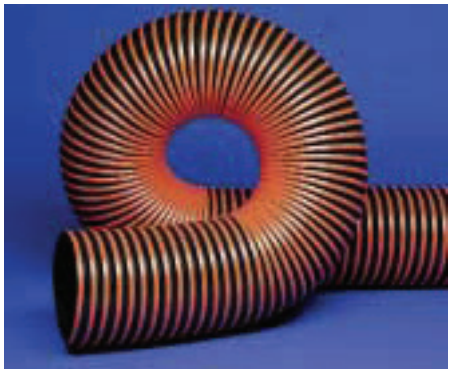
General purpose hose - Pharmaceutical, FDA

Tuyau á usage multiple - Pharmaceutique, FDA

Construction: White thermoplastic rubber reinforced with a wire helix
Features: All of the features of standard RFH; Superior chemical resistance; Suitable for pharmaceutical and dry food applications; Materials used in RFH-White are FDA acceptable; No cements, glues or adhesives are used in the manufacturing process; Available with cuffed end finishes; Available in metric diameters, consult us on minimums.
Temperature: -60°F to 275°F (intermittent to 300°F)
Standard colors: white
Standard lengths: 25', 50'
Size range: 2" to 12"

Construction: Élastomer blanc incorporé d'un fil d'acier spirale. Bonne résistance à l'abrasion, aux produits chimiques. Excellent pour basse et haute température. Recommandé pour l'aspiration de poussières dans les usines alimentaires et pharmaceutiques. , brins de scie, vapeurs et autres particules abrasives. Aucun adhesif est utilisé pour la fabrication de ce flexible. Produits de matériaux acceptés par FDA.
Éclat de température: -60 °F à +275 °F.

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
2.00	2.32	17	3.00	>29	0.26
3.00	3.32	10	4.25	28.00	0.37
4.00	4.32	10	6.00	25.00	0.57
5.00	5.32	9	6.75	15.00	0.75
6.00	6.32	8	8.25	11.50	1.00
8.00	8.40	6	10.25	5.50	1.60
10.00	10.43	4	12.75	5.00	2.05
12.00	12.43	4	15.25	4.00	2.24
14.00	14.63	3	21.00	2.00	2.32
16.00	16.63	3	26.00	2.00	3.74
18.00	18.63	3	29.00	2.00	3.96
20.00	20.63	1	36.00	2.00	4.27
24.00	24.63	1	42.00	1.00	4.89



RFH-W

Drag resistant

Résistant au frottage

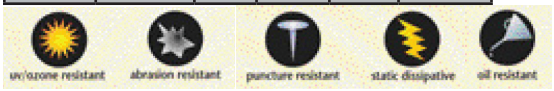
Construction: Thermoplastic rubber reinforced with a wire helix and an external polypropylene wearstrip
Features: Great abrasion resistance; Ideal where dragging is involved; The wearstrip helps prevent premature wear-through; RFH-W wearstrip is molecularly bonded to the hose wall so it will not delaminate; Available in a heavier wall, consult us on sizes; Available with cuffed end finishes; Other wearstrip colors available, consult us on minimums.
Temperature: -60 °F to +275 °F (intermittant to 300 °F)
Standard colors: Black with orange wearstrip
Standard lengths: 25', 50'
Size range: 2" to 24"

Construction: Élastomer noir/orange incorporé d'un fil d'acier spirale. Bonne résistance à l'abrasion, aux produits chimiques. Excellent pour basse et haute température. Recommandé pour l'aspiration de poussières dans les usines alimentaires et pharmaceutiques. , brins de scie, vapeurs et autres particules abrasives. Aucun adhesif est utilisé pour la fabrication de ce flexible. Protection de couleur orange pour plus de resistance á l'usure.
Éclat de température: -60 °F à +275 °F.

DUCTING & VENTILATION

ALFAGOMMA

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
0.75	1.10	40	2.50	>29	0.08
1.00	1.35	30	3.00	>29	0.15
1.25	1.64	29	3.50	>29	0.20
1.50	1.90	27	4.50	>29	0.24
1.75	2.16	27	5.50	28	0.27
2.00	2.50	25	6.25	27	0.33
2.50	3.01	23	8.75	24	0.42
3.00	3.57	19	11.25	20	0.50
4.00	4.60	9	13.25	15	0.83

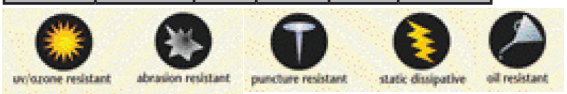


SDH

Smooth interior

Construction: Specially formulated thermoplastic polyurethane reinforced with a plastic helix and copper grounding wire
Features: Smooth interior; Possesses inherent static dissipation; Materials are FDA acceptable; Screw-on cuffs available; Does not outgas and is free of fillers and surface oils; Excellent flexibility, abrasion resistance and clarity; Ideal for clean rooms, powder and plastic pellet transfer; Surface resistivity 108 - 1010 ohms/sq.
Temperature: -20 °F to +180 °F
Standard colors: Clear with opaque helix
Standard lengths: 25', 50'
Size range: 3/4"*, 1"*, 1 1/4", 1 1/2", 1 3/4", 2", 2 1/2", 3", 4"
(*without static wire)

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
2.00	2.27	13	2.50	>29	0.28
2.50	2.77	13	3.00	>29	0.42
3.00	3.27	12	3.50	>29	0.53
4.00	4.29	10	4.50	20	0.69
5.00	5.29	10	5.50	15	0.81
6.00	6.29	9	6.25	13	1.23
8.00	8.35	7	8.75	10	1.76
10.00	10.38	5	11.25	7	1.62
12.00	12.38	5	13.25	6	2.20



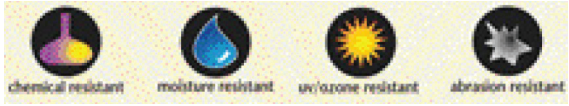
UFD-SD

Static dissipative
Anti-statique

Construction: Specially formulated thermoplastic polyurethane reinforced with a wire helix
Features: Excellent flexibility, abrasion resistance and clarity; Possesses inherent static dissipation; Does not outgas and is free of fillers and surface oils; Ideal for clean rooms, grain dust collection, powder and flour handling; Materials used are FDA acceptable; Surface resistivity 108 - 1010 ohms/sq.
Temperature: -20 °F to +200 °F
Standard colors: Clear
Standard lengths: 25', 50'
Size range: 2" to 12"

Construction: Conduite en polyurethane avec fil d'acier en spirale recouvert de polyeurethane. Excellent pour l'abraisions, les produits chimiques et les basses températures.
Temperature: -20°F +200 °F
Couleur standard: transparent
Longeur standard: 25', 50'
Grandeur: 2" - 12"

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
4	4.35	12	6.50	25	.66
6	6.38	7	8.50	11	.91
8	8.41	8	12.00	6	1.10
10	10.45	8	14.00	5	1.66
12	12.45	6	16.00	4	2.20



RFH.045

Heavy duty, All purpose hose

Service sévère, Tuyau á usage multiple

Construction: Thermoplastic, rubber with polyester fabric reinforced with a wire helix
Features: All of the features of RFH with a heavier/thicker wall; Better abrasion and tear resistance; Available with cuffed end finishes; Available in other sizes and with a wearstrip, consult us on minimums.
Temperature: -60 °F to +275 °F (intermittant to 300 °F)
Standard colors: black
Standard lengths: 25', 50'
Size range: 4", 6", 8", 10", 12"

Construction: Élastomer noir incorporé d'un fil d'acier spirale. Bonne résistance à l'abrasion, aux produits chimiques. Excellent pour basse et haute température. Recommandé pour l'aspiration de poussières dans les usines alimentaires et pharmaceutiques. , brins de scie, vapeurs et autres particules abrasives. Aucun adhesif est utilisé pour la fabrication de ce flexible.
Éclat de température: -60 °F à +275 °F.

CUFFED END FINISHES

Tight seal

Fermeture scellé

- Available on RFH, RFH-Plus, RFH-W, RFH.045, RFH-White, UFD, UFD.020, UFD.045,UFD.060, UFD-SD, 2CN, 2PN, PA-EX, TD-S, TD-HS
- Easy clamping without wire helix interference
- Provides tight seal
- Elasticity in cuffs allows for easy installation
- Cuffs are thermally bonded or cemented to hose
- 2" I.D. to 6" I.D. standard cuff width is 1.5"
- 7" I.D. to 12" I.D. standard cuff width is 2"
- Available in various cuff widths

DUCTING & VENTILATION

ALFAGOMMA

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
2.00	2.29	33	2.50	>29	.28
2.50	2.79	30	3.00	>29	.42
3.00	3.32	27	3.50	>29	.53
4.00	4.34	18	4.50	28	.69
5.00	5.34	16	5.50	26	.81
6.00	6.37	14	6.25	23.5	1.23
7.00	7.40	12	7.25	18	1.47
8.00	8.40	11	8.75	13.5	1.60
10.00	10.41	9	11.25	6	1.84
12.00	12.41	7	13.25	5	2.20
14.00	14.56	4	15.50	3	3.28
16.00	16.59	2	18.00	3	3.75
18.00	18.59	2	24.00	2	4.23

UFD

Severe service

Service sévère

Construction: Thermoplastic polyurethane reinforced with wire helix
Features: Superior abrasion resistance; Excellent flex fatigue resistance; Allows users to locate blockages; Handles higher pressure and vacuums than standard ducting; Materials used in UFD-Clear are FDA acceptable; Available with cuffed end finishes; Available in metric diameters, please consult us on minimums.
Temperature: -65°F to 200°F
Standard colors: Clear or black
Standard lengths: 25', 50'
Size range: 2" to 18"

Construction: Conduit en polyuréthane avec fil d'acier en spirale recouvert de polyuréthane. Excellent pour l'abrasion, les produits chimiques et les basses températures. Disponible en MD et HD pour plus de résistance à l'abrasion interne. Transparent pour faciliter la localisation de bloquage de prduits. Disponible avec manchette. Produits de matériaux transparent acceptés par FDA.
Écart de température: -60 °F à +200 °F

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
2.00	2.27	25	2.00	>29	0.17
2.50	2.78	25	2.25	29	0.27
3.00	3.27	25	2.50	29	0.30
4.00	4.29	18	3.00	22	0.39
5.00	5.29	16	3.50	17	0.48
6.00	6.29	13	4.00	13	0.66
7.00	7.35	13	5.00	11	0.77
8.00	8.35	11	5.50	11	0.86
9.00	9.35	10	6.00	10	0.97
10.00	10.38	7	6.50	5	1.07
12.00	12.38	7	8.00	3	1.29

UFD.020

Light weight, Oil mist

Service léger, résistant aux projections d'huile

Construction: Thermoplastic polyurethane reinforced with wire helix
Features: Lightweight alternative to UFD; Excellent flexibility; Transparency of the UFD-Clear allows users to locate blockages; Materials used in UFD-Clear are FDA acceptable; Ideal for oil mist applications; Available with cuffed end finishes.
Temperature: -65 °F to +200 °F
Standard colors: Clear or black
Standard lengths: 25', 50'
Size range: 2" to 12"

Construction: Conduit en polyuréthane avec fil d'acier en spirale recouvert de polyuréthane. Excellent pour l'abrasion, les produits chimiques et les basses températures. Disponible en MD et HD pour plus de résistance à l'abrasion interne. Transparent pour faciliter la localisation de bloquage de prduits. Disponible avec manchette. Produits de matériaux transparent acceptés par FDA.
Écart de température: -65 °F à +200 °F

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
2.00	2.32	35	3.00	>29	0.34
2.50	2.82	32	4.00	>29	0.53
3.00	3.34	30	5.00	>29	0.65
4.00	4.36	21	6.50	>29	0.71
5.00	5.36	18	7.50	26	0.98
6.00	6.40	16	8.50	23	1.38
7.00	7.43	14	10.50	18	1.62
8.00	8.43	12	12.00	13	1.87
10.00	10.43	10	14.00	6	2.11
12.00	12.43	8	16.00	5	2.48
14.00	14.60	7	18.00	4	3.47
16.00	16.63	4	22.00	3	4.01
18.00	18.63	3	26.00	2	4.41

UFD.045

Heavy duty, Severe service

Service sévère

Construction: Heavy walled thermoplastic polyurethane reinforced with a wire helix
Features: Superior abrasion resistance; Allows users to locate blockages; Excellent for leaf and lawn collection and other severe service applications; Materials used in UFD.045-Clear are FDA acceptable; Available with cuffed end finishes; Available in 10' lengths during leaf collection season.
Temperature: -65 °F to +200 °F
Standard colors: Clear or translucent blue
Standard lengths: 25', 50'
Size range: 2" to 18"

Construction: Conduit en polyuréthane avec fil d'acier en spirale recouvert de polyuréthane. Excellent pour l'abrasion, les produits chimiques et les basses températures. MD pour plus de résistance à l'abrasion interne. Excellent pour feuilles et gazon. FDA. Disponible avec manchette.
Écart de température: -65 °F à +200 °F

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
4.00	4.39	35	3.75	>29	0.74
5.00	5.39	31	4.75	26	1.15
6.00	6.43	27	5.50	23	1.53
7.00	7.46	26	7.00	18	1.76
8.00	8.46	25	8.00	13	1.98
10.00	10.46	22	9.75	6	2.38
12.00	12.46	19	12.00	5	2.75
14.00	14.63	16	12.00	4	3.65
16.00	16.66	13	12.00	3	4.25
18.00	18.66	11	13.75	2	4.60

UFD.060

Heavier duty, Severe service

Service plus sévère

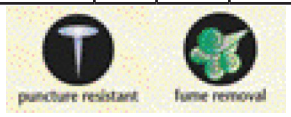
Construction: Heavier walled thermoplastic polyurethane reinforced with a wire helix
Features: Superior abrasion resistance; The color of the hose allows for the user to locate blockages; Excellent for leaf and lawn collection, street sweepers and other severe service applications; Available in 10' lengths during leaf collection season.
Temperature: -65 °F to +200 °F
Standard colors: Translucent blue
Standard lengths: 25', 50'
Size range: 2 1/2" to 18"

Construction: Conduit en polyuréthane avec fil d'acier en spirale recouvert de polyuréthane. Excellent pour l'abrasion, les produits chimiques et les basses températures. HD pour plus de résistance à l'abrasion interne. Excellent pour feuilles et gazon. Disponible avec manchette.
Écart de température: -65 °F à +200 °F

DUCTING & VENTILATION

ALFAGOMMA

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
6	6.375	14	4.5	14	.94
8	8.375	11	5.5	10	1.12
10	10.375	10	6.8	5	1.44
12	12.438	8	9.4	3	1.72
14	14.438	6	11.2	2	2.46
16	16.438	5	12.9	1	3.30
18	18.438	4	14.4	0.8	3.96
20	20.438	3.5	15.3	0.7	4.42
22	22.438	2.5	16.6	0.5	4.86
24	24.438	1.5	18.8	0.2	5.35



2CN

Rugged

Robuste

Construction: Two-ply cotton-neoprene coated reinforced w/wire helix
Features: Cost effective hose for dust or fumes under low positive or negative pressure; Excellent tensile strength and crush resistance; Non-flame retardant product; Available in 1" and 1 1/2", please consult factory for minimums; Available as 1CN (one-ply) for temporary service and lighter applications, consult factory for minimums.
Temperature: -40°F to 250°F
Standard colors: Blue
Standard lengths: 25'
Size range: 2" to 24"

Construction: Même que 2PN mais deux plis de cotton/polyester bleu avec imprégnation de néoprène. Longueure de 25'.

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
1.00	1.375	41	1	>29	.16
1.25	1.625	41	1.1	>29	.18
1.50	1.875	41	1.3	>29	.21
2.00	2.375	33	1.8	28	.33
2.50	2.875	27	2.3	28	.38
3.00	3.375	23	2.7	27	.50
4.00	4.375	18	3.4	25	.70
5.00	5.375	14	3.9	18	.82
6.00	6.375	14	4.5	14	.94
7.00	7.375	12	5.0	12	1.22
8.00	8.375	11	5.5	10	1.37
10.00	10.375	10	6.8	5	1.48
12.00	12.5	8	9.4	3	1.77
14.00	14.5	6	11.2	2	2.64
16.00	16.5	5	12.4	2	2.96
18.00	18.5	3	13.5	1	3.37
20.00	20.5	2	15.0	.07	3.79
24.00	24.5	1	17.5	.05	4.43

2PN

Flame retardant

Résistant au flammes

Construction: Two-ply polyester-neoprene coated reinforced w/wire helix
Features: Longer life for positive or negative pressure movement of light particles or materials; Flame retardant to UL94V-0 rating; Conductive compound available for static discharge applications, consult factory for minimums; Non-metallic helix available for non-conductive use; Available in 1" and 1 1/2", please consult factory for minimums; Available as 1PN (1-ply) for temporary service & lighter applications.
Temperature: -40 °F to +250 °F
Standard colors: Black
Standard lengths: 25'
Size range: 2" to 24"

Construction: Deux plis de fibres de polyester imprégné avec fils d'acier en spiral incorporé. Longueurs de 10' ou 25'.
Écart de température: -40 °F à +250 °F

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
2.00	2.375	35	2.0	28	0.40
3.00	3.375	26	2.8	27	0.53
4.00	4.375	19	3.6	25	0.75
5.00	5.375	17	4.5	18	0.86
6.00	6.375	15	4.8	14	1.02
7.00	7.375	13	5.0	12	1.30
8.00	8.375	12	5.7	10	1.42
10.00	10.375	11	6.9	5	1.56
12.00	12.438	9	9.6	3	1.85
14.00	14.438	7	11.4	2	2.76
16.00	16.438	6	12.5	2	3.10
18.00	18.438	4	13.8	1	3.45
20.00	20.5	2	15.4	0.08	3.90
24.00	25.5	1	18.0	0.06	4.62

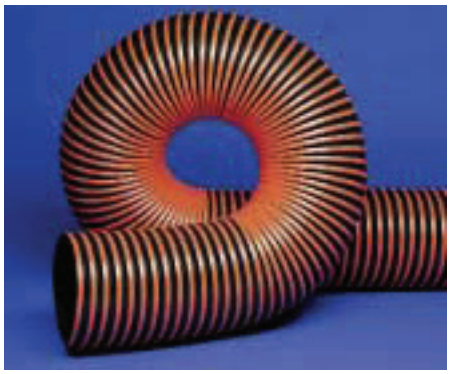
PA-EX

High temperature

Haute température

Construction: Two-ply polyester acrylic urethane blend coating reinforced with a wire helix
Features: Industry standard for hot air, dust and fumes where temperature would exceed normal rubber hose limits; Ideal for light material handling; Wearstrip available for external abrasion resistance; Flame retardant to UL94V-0 rating; Available in blower hose expanded pitch series (IPA-EPW), consult us on minimums.
Temperature: -40 °F to +325 °F
Standard colors: Black
Standard lengths: 25'
Size range: 2" to 24"

inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
3	24	1.5	22	.50
3	28	1.5	26	.60
4	18	2	17	.60
4	24	2	24	.80
5	12	2.5	14	.70
5	20	2.5	18	.80
6	10	3	10	1.00
6	18	3	14	1.20
7	8	3.5	7	1.20
7	14	3.5	11	1.40
8	7	4	6	1.30
8	12	4	9	1.50
10	6	5	4	1.60
10	8	5	6	2.00
12	5	6	2	2.00
12	6	6	3	2.40



TD-S/TD-HS

Drag resistant

Résistant au frottage

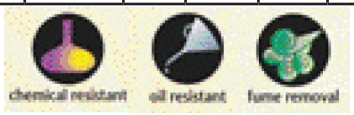
Construction: One/two-ply vinyl laminate polyester fabric cover w/ enclosed spring steel wire & heavy duty extruded wearstrip
Features: Excellent flexibility; Flame retardant to UL94V-0; UL recognized product; Ideal where dragging is involved; Odd sized diameters and custom lengths available upon request; Custom color wearstrip available, consult factory for minimums.
Temperature: -40 °F to +180 °F
Standard colors: Black with orange wearstrip
Standard lengths: 25'
Size range: 3" to 12"

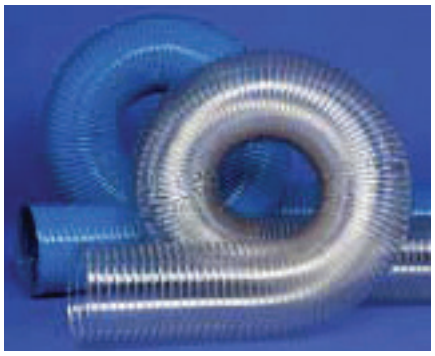
TD-S: Un pli de fibre de polyester imprégné d'une courbe de vinyl incorporé d'un fil d'acier en spirale. Le tout protégeé par une bande de protection de couleur orange pour plus de résistance à l'usure. Rencontre les normes de flammabilité UL 940V.
TD-HS: Même fabrication que TD-S mais deux plis de fibre de polyester pour plus de résistance à l'abraision interne et externe. Rencontre les normes de flammabilité UL 940V. **Écart de temp:** 15 °F à +200 °F.

DUCTING & VENTILATION

ALFAGOMMA

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
1.00	1.15	25	1.25	29	.10
1.25	1.40	20	1.50	27	.13
1.50	1.68	25	1.75	26	.19
2.00	2.27	36	2.75	30	.30
2.50	2.77	28	3.25	25	.33
3.00	3.27	24	4.25	22	.38
3.50	3.77	13	4.75	18	.49
4.00	4.29	11	5.50	17	.68
4.50	4.79	10	6.25	15	.73
5.00	5.29	10	6.75	14	.81
6.00	6.29	8	7.50	10	1.10
7.00	7.35	7	9.75	7	1.29
8.00	8.35	7	10.50	6	1.42
10.00	10.38	7	11.75	5	1.43
12.00	12.38	6	12.50	4	2.33
14.00	14.48	2	15.25	2	2.88
16.00	16.48	1	18.50	1	3.37
18.00	18.48	1	20.50	1	3.95





CVD

Economical, General purpose hose
Economique, Tuyau á usage multiple

Construction: Polyvinylchloride reinforced with a wire helix
Features: Economical alternative to most duct and sacrifices nothing in performance; Great flexibility with tight bending characteristics; Ideal for fume removal, dust collection and ventilation applications; Materials used in CVD-Clear are FDA acceptable (2”-18”); Available in metric diameters; Available in a static conductive version (CVD-SC), consult us on minimum.
Temperature: -20°F to 180°F
Standard colors: Clear or blue
Standard lengths: 25’, 50’
Size range: 1” to 18”

Construction: Polyvinylchloride renforcée d’un fil d’acier, alternatif economique pour collection de poussière. Idéal pour vapeur de produits, poussière et ventilation. FDA.
Écart de température: -20 °F à +180 °F

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
2.00	2.25	18.5	1.75	28.0	.20
2.50	2.75	18.5	1.75	25.0	.25
3.00	3.25	18.5	1.75	22.5	.31
3.50	3.75	14.5	3.00	17.0	.42
4.00	4.27	12.0	4.00	12.0	.52
5.00	5.27	10.0	5.00	9.0	.64
6.00	6.27	12.5	5.50	6.5	.75
7.00	7.33	10.5	6.00	6.0	.89
8.00	8.33	9.0	6.50	6.0	1.02
10.00	10.36	8.0	8.00	4.5	1.37
12.00	12.36	7.0	9.00	3.5	1.71

CVD.020

Lightweight
Léger

Construction: Polyvinylchloride reinforced with a wire helix
Features: Lightweight alternative to CVD; Better flexibility with tighter bending characteristics; Ideal for fume removal, dust collection and ventilation applications; Materials used in CVD-Clear are FDA acceptable; Available in metric diameters.
Temperature: -20 °F to +180 °F
Standard colors: Clear
Standard lengths: 25’, 50’
Size range: 2” to 12”

Construction: Polyvinylchloride renforcée d’un fil d’acier, alternatif economique pour collection de poussière. Idéal pour vapeur de produits, poussière et ventilation. FDA.
Écart de température: -20 °F à +180 °F

SERIES	mm	inch	mm	inch	psi 68 °F / 104 °F	68 °F	104 °F	% @ 68 °F	lb/ft
GT/GTG150	38.1	1.5	46.2	1.82	20 / 7	2	14	1”	0.23
GT/GTG200	50.8	2	60.8	2.39	15 / 6	21	12	2”	0.30
GT/GTG250	63.5	2.5	73.4	2.89	10 / 5	19	10	2”	0.39
GT/GTG300	76.2	3	87.9	3.46	10 / 5	18	10	3”	0.50
GT/GTG350	88.9	3.5	102.0	4.02	9 / 4	15	8	3”	0.68
GT/GTG400	101.6	4	114.3	4.50	8 / 4	13	7	3”	0.77
GT/GTG500	127.0	5	139.7	5.50	7 / 3	10	6	5”	0.91
GT/GTG600	152.4	6	166.1	6.54	6 / 3	7	5	6”	1.08
GT/GTG800	203.2	8	218.2	8.59	4 / 2	5	3	8”	1.74
GT/GTG1000	254.0	10	296.6	11.68	2 / -	2	-	10”	2.70

Series GT

Light-duty PVC dust collection and blower hose.

Construction: GT-series:Clear PVC with grey helix; GTG-series: Grey PVC with grey helix
Reinforcement: Exposed helix provides extreme flexibility; Slides easily for ease of handling
Use: Dust collection, fume removal. air vent lines, material chutes, air seeder lines.
Temperature: -4 °F +150 °F

SERIES	mm	inch	mm	inch	psi 68 °F / 104 °F	68 °F	104 °F	% @ 68 °F	lb/ft
WH100	25.4	1.00	31.0	1.22	45 / 15	Full	24	1”	0.15
WH125	31.8	1.25	39.2	1.54	40 / 12	Full	24	1”	0.20
WH150	38.1	1.50	45.7	1.80	40 / 12	Full	24	1.5”	0.25
WH200	50.8	2.00	58.7	2.32	35 / 10	26	20	2.5”	0.31

Series WH

Medium-duty PVC suction, blower and ducting hose.

Construction: Clear PVC with grey helix
Reinforcement: Conveluted cover design provides increased flexibility
Use: Medium-duty suction, dust collection, fume removal, air seeder lines.
Temperature: -4 °F +150 °F

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
4.00	4.20	13	3.00	10.50	.31
6.00	6.22	7	4.00	6.00	.63
7.00	7.28	7	5.00	4.00	.70
8.00	8.28	7	6.00	2.50	.77
10.00	10,30	5	8.00	1.75	.90
12.00	12.30	3	9.50	1.25	1.12
14.00	14.39	2	10.50	1.50	1.43
16.00	16.39	1	11.5	1.50	2.08
18.00	18.39	1	12.5	1.50	2.23

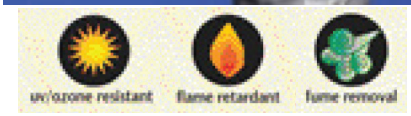
ARD

Economical, Air duct cleaning

Economique, nettoyage de conduit d'air

Construction: Clear polyvinylchloride wall reinforced with a spring wire helix
Features: Economical choice for moving large volumes of air; Highly retractable, very flexible and sturdy; Can be used in low vacuum applications on dust cleaning equipment; Available in white, consult us on minimums.
Temperature: -20 °F to +180 °F
Standard colors: Clear
Standard lengths: 25' to 50'
Size range: 6" to 18"

Construction: Choix économique pour transporter de grandes quantitées d'air. Rectractible et très flexible.
Application: Collecteur de poussières.
Disponible en blanc.



SLP-10

Air ventillation

Ventilation d'air

Construction: One-ply flame retardant vinyl coated woven fiberglass cover permanently bonded to a PVC-coated spring steel wire helix
Features: Meets UL 181 class flammability rating; Great for ventilation of dry cleaning equipment, air intake and exhaust ducts; Ideal for low volume air transfer; Excellent compressibility and flexibility
Temperature: 0 °F to +240 °F
Standard colors: Grey
Standard lengths: 25'
Size range: 2" to 14"

Construction: Choix économique pour transporter de grandes quantitées d'air. Rectractible et très flexible.
Application: Collecteur de poussières.
Disponible en blanc. Rencontre les normes UL-181 d'imflammabilitée.

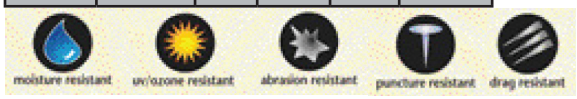
inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
0.75	1.10	38	1.50	>29	.09
1.00	1.36	34	2.25	>29	.11
1.25	1.67	28	2.50	>29	.17
1.50	1.94	23	2.75	>29	.21
1.75	2.20	18	3.00	>29	.23
2.00	2.50	17	3.25	>29	.26
2.50	3.02	16	3.75	24	.34
3.00	3.57	14	5.00	19	.37
4.00	4.60	11	7.00	16	.50
6.00	6.71	14	7.25	10	1.10
8.00	8.88	14	9.00	6	1.60
10.00	10.88	10	12.00	3	2.00

ARH

Economical, General purpose hose

Construction: Thermoplastic rubber with an external polypropylene wearstrip
Features: Smooth interior for easy flow; Excellent crush resistance; Available with integral cuffs; Screw-on cuff available up to 4"; External helix allows for rough use in applications where the hose will be dragged; Ideal for dust collection, fume exhaust and conduit applications; ARH is available in white, consult us on minimums and price; Materials used in ARH-White are FDA acceptable.
Temperature: -60 °F to 275 °F
Standard colors: Black with grey helix
Standard lengths: 25', 50'
Size range: 3/4" to 10"

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
1.5	1.91	40	2.00	28	0.21
2.0	2.47	34	2.25	26	0.29
2.5	2.99	32	2.75	26	0.49
3.0	3.53	31	3.00	26	0.44
4.0	4.53	30	4.00	22	0.55
5.0	5.57	22	5.00	18	0.83
6.0	6.61	25	6.50	10	0.93
7.0	7.63	25	7.25	9	1.27
8.0	8.74	25	9.00	9	1.55



UFD-AP

Severe service, Smooth interior

Construction: All thermoplastic polyurethane hose reinforced with an ABS helix
Features: Smooth interior; Lightweight and highly flexible; Suitable replacement for thicker walled EPDM hoses; Materials used in UFD-AP Clear are FDA acceptable; The clarity of the hose allows the user to check for blockages; Helix provides added durability in applications where the hose is being dragged; Great for dust, leaf and woodchip collection, pellets and scrap.
Temperature: -40 °F to +200 °F
Standard colors: Clear with a safety yellow helix
Standard lengths: 25', 50'
Size range: 1 1/2" to 8"

DUCTING & VENTILATION

ALFAGOMMA

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
0.75	1.10	55	1.00	>29	.11
1.00	1.35	43	1.25	>29	.24
1.25	1.64	35	1.50	>29	.30
1.50	1.90	34	1.50	>29	.23
1.75	2.16	30	2.00	27	.30
2.00	2.59	27	2.50	25	.36
2.25	2.75	23	2.50	24	.35
2.50	3.00	22	3.50	23	.45
3.00	3.5	17	3.50	21	.71
3.50	4.00	13	3.50	21	.73
4.00	4.48	16	4.00	14	.74
5.00	5.48	17	4.25	12	.83
6.00	6.56	12	5.75	11	1.19
7.00	7.61	11	6.00	6	1.17
8.00	8.64	10	7.75	6	1.25

CVD-AP

Light duty, Material handling

Construction: Clear polyvinylchloride reinforced with a polyvinylchloride helix
Features: Economical; Crush resistant; Smooth interior to minimize friction loss; See page 9 for EH-L 1 1/2" - 3 1/2"; Materials used in CVD-AP Clear are FDA acceptable; Helix provides added durability where the hose is being dragged; Lightweight, durable and great bending characteristics; Ideal for sawdust, fume removal, light duty material handling; Screw-on cuff available up to 4".
Temperature: 10 °F to +160 °F
Standard colors: Clear with black helix
Standard lengths: 25' to 50"
Size range: 4" to 8"

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
1.00	1.36	40	1.75	>29	.15
1.50	1.97	31	2.50	>29	.16
2.00	2.47	28	4.00	>29	.21
2.50	3.00	23	5.25	24	.26
3.00	3.52	18	6.75	18	.30
4.00	4.52	12	8.25	12	.40

333

Insulation blowing

Construction: Clear polyethylene reinforced with polyethylene helix
Features: Crush resistant; Clear wall allows user to detect blockages; Great flexibility; Excellent for insulation blowing applications; Materials are FDA acceptable; Screw-on cuffs available 1 1/4" - 3".
Temperature: -30 °F to +130 °F
Standard colors: Clear wall with opaque helix
Standard lengths: 25', 50'
Size range: 1" to 4"

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
1.25	1.50	45	0.88	27	0.310
1.50	1.75	36	1.12	26	0.375
2.00	2.35	26	1.63	25	0.570
2.50	2.85	20	2.19	24	0.750
3.00	3.40	20	2.48	24	0.850
4.00	4.40	14	3.26	18	0.838

SUPER VAC-U-FLEX®

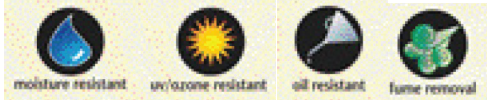
Industrial vacuum

Aspirateur industriel

Construction: High strength fiber reinforced PVC hose cover bonded to coated spring steel wire helix
Features: Offers flexibility for easy handling and installation; Great for industrial and commercial vacuum cleaners and ventilating or cooling industrial machinery; Ideal for bilge pumps and bilge ventilation; Other colors and lengths available with minimum order, consult factory; Screw on end fittings available.
Temperature: -20 °F to 150 °F
Standard colors: Grey
Standard lengths: 25' (3" and 4"), 50'
Size range: 1 1/4" to 4"

Construction: Fibre de haute tensile recouvert de PVC incorporé d'un hélice de fil d'acier protégé par une bande de PVC gris ondulée. Reinforcement: PVC blanc rigide résistant aux chocs
Application: Tuyau a grande rendement pour les aspirateurs industriels. Facile à installer et et manipuler grace á sa grande flexibilité. Utilisé pour les aspirateurs industriels et ommercials, la ventillation et la rérigèration.
Temperature: -20 °F +150 °F

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
0.75	1.00	48	.65	28	.21
1.00	1.25	46	.76	28	.21



SUPER VAC-U-FLEX® CMD

Excellent flexibility

Souplesse excellente

Construction: Flexible PVC hose jacket bonded to coated spring steel helix
Features: Offers versatility and great flexibility; Other diameters available with 3000' minimum order; Screw on end fittings available.
Temperature: -20 °F to +150 °F
Standard colors: Grey
Standard lengths: 25'
Size range: 3/4" and 1"

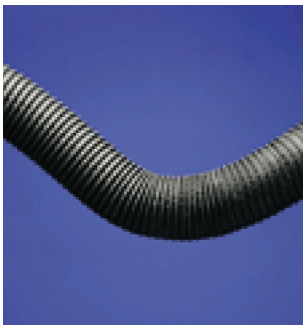
Construction: Fibre de haute tensile recouvert de PVC incorporé d'un fil d'acier protégé par une bande de PVC.
Écart de température: -20 °F to 150 °F

SUPER VAC-U-FLEX® EH-L

Light duty

Construction: Light duty PVC film with external polymer helix
Features: Great flexibility and good abrasion resistance; Provides a smooth interior for easy air flow; Handles tight bends without kinking; Excellent for both positive and negative pressure applications.
Temperature: -20 °F to 150 °F
Standard colors: Clear with black helix
Standard lengths: 25'
Size range: 1 1/2" to 4"

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
1.00	1.27	11	1.25	N/A	0.04
1.25	1.56	10	1.75	N/A	0.06
1.50	1.83	10	2.25	N/A	0.08
2.00	2.34	10	3.25	N/A	0.10
2.50	2.84	9	4.00	N/A	0.13
3.00	3.34	8	4.50	N/A	0.14
4.00	4.36	3	4.75	N/A	0.22
5.00	5.36	4	4.12	N/A	0.13
6.00	6.45	7	5.12	N/A	0.50
7.00	7.50	8	5.75	N/A	0.61
8.00	8.50	4	6.75	N/A	0.67



HTR

Heater/Defroster and A/C hose

Construction: Polypropylene reinforced with a polypropylene rod helix
Features: Economical; Excellent compressibility; Crush resistant; Lightweight, very flexible and good flex fatigue resistance; Great choice for heater/defroster hose, air conditioning and ventilation; Available in a clear incinerable version.
Temperature: -40 °F to +225 °F
Standard colors: Black
Standard lengths: 25', 50'
Size range: 1" to 8"

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
1 - 1/4		9	1.50	24	0.21
1 - 1/2		8	2.00	14	0.28
2.00		7	3.00	14	0.39
2 - 1/2		6	4.00	8	0.54
3.00		6	5.00	8	0.73

chemical resistant · moisture resistant · oil resistant · fume removal

VAC-U-LOK®

Crush resistant

Construction: Interlocked flexible EVA hose
Features: Non-wire self-supporting construction; Great crush resistance and durability; Color variations available with 3000' minimum order; Screw-on end fittings available.
Temperature: -65 °F to +140 °F
Standard colors: Grey
Standard lengths: 25' (2", 3"), 50' (1 1/4", 1 1/2")
Size range: 1 1/4" to 3"

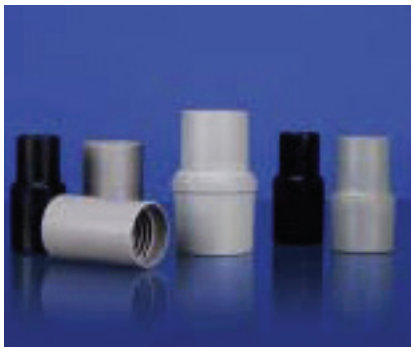
inch/Po	inch/Po	psi	inch/Po	inHg straight @ 72 °F	inHg 180° bend @ 72 °F	lb(ft)/lb(pi)
1.25	1.62	20	5.38	29	29	0.21
1.50	1.90	20	6.10	29	29	0.27
2.00	2.48	20	7.52	29	27	0.38

chemical resistant · moisture resistant · uv/ozone resistant · abrasion resistant · drag resistant

VH2000

Vacuum

Construction: All polyethylene hose engineered for optimum strength and flexibility
Features: Excellent flexing characteristics; Lightweight and durable; Ideal for most industrial vacuum applications; Smooth interior offers unrestricted vacuum, even when the hose is subject to tight bends; Screw-on cuffs available.
Temperature: -40 °F to +140 °F
Standard colors: Grey
Standard lengths: 25', 50'
Size range: 1 1/4", 1 1/2", 2"



CUFFS

Accessories

Construction: Vinyl
Styles:
- Swivel screw-on cuff
- Straight screw-on cuff
- Connectors
- Cuff availability varies by product
- Other accessories and colors available, consult us on minimums

Standard colors: Grey
Size range: 3/4”, 1, 1 1/4”, 1 1/2”, 2”, 2 1/2”, 3”, 4”

DURA-FLEX “D”

Heater/Defroster

Chaufferette/Degivrage

Construction: Thermoplastic elastomer reinforced with a wire helix
Features: Offers unmatched flexibility and durability in a light weight product; Designed for low pressure exhaust and recovery applications, and defroster applications; Meets FMVSS 3 oz Flame Standards.
Temperature: -40 °F to +250 °F
Standard colors: Black
Standard lengths: 50’
Size range: 1 1/2”, 2”, 2 1/2”, 3”, 4”

Construction: Elasomere thermo-plastique renforcée d’un fil d’acier. Idéal pour retour et suction basse pression et degivrage. Rencontre des normes FMVSS302

1PV-EP-HM/1PN-EP-HM

Blower Hose

Construction: One-ply polyester vinyl laminate expanded pitch with encapsulated wire helix and extruded polymer wearstrip (PV) or one-ply polyester neoprene coated (PN)
Features: Light weight (PV); Heaviest duty of Max-Flyte Series (PN); Highly compressible for positive pressure movement for air, dust and fumes at lower temperature ranges (PV); Flame retardant to UL94V-0 rating; Non-standard sizes and lengths available.
Temperature: -20 °F to +180 °F (intermittent to 225F) (PV) -40°F to 250°F (PN)
Standard colors: Yellow with black wearstrip
Standard lengths: 25'
Size range: 4" to 24"
(*without static wire)

THERMA-COOL PV&PN

Insulated Heat & A/C

Construction: Two-ply polyester vinyl laminate (PV) or neoprene (PN) with foam insulating material and extruded polymer wearstrip
Features: Insulated hose for the temporary transfer of heated or cooled air for climate conditioning; Flame retardant to UL94V-0 rating; Non-standard ID's and lengths available; Cuff ends available; Optional colors available.
Temperature: -20 °F to 180 °F(PV), -40 °F to 250 °F(PN)
Standard colors: Yellow hose with black wearstrip
Standard lengths: 25'
Size range: 4" to 24"

TP-W
High Temperature

Construction: Thermoplastic rubber coated fabric reinforced with a steel spring wire helix and an external wearstrip
Features: Highly retractable; Withstands higher temperatures; UV resistant; Ideal for large volumes of hot air; Options include sewn cuffs, hook-and-loop style belted cuffs, cuffs with buckles and ring connector end fittings.
Temperature: -40 °F to +275 °F
Standard colors: Black with safety yellow wearstrip
Standard lengths: 25', 50'
Size range: 8" to 24"

END FINISHES for 1PV-EP-HM, 1PN-EP-HM, THERMA-COOL and TP-W

Sewn Cuffs: Two-plies of Polyester fabric sewn on to the ends.

Standard Belted Cuffs: For easy attachment to portable blowers. The belt is sewn around the cuff to insure quick and secure connection to most portable blowers.

Ring Connectors: Sewn into the ends of the hose to keep dust end open. Ring connectors interlock for quick connection of utility blower hoses.

FLEX-FLYTE® L-1

Light weight

Construction: One-ply polyester vinyl laminate expanded pitch with encapsulated wire helix and extruded polymer wearstrip (PV) or one-ply polyester neoprene coated (PN)
Features: Lightweight and flexible; Flame retardant to UL94V-0 rating; UL recognized product; Great for low pressure applications; Handles air and fumes at low pressures and moderately high temp.; Not recommended for continuous flexing, liquids or abrasives; Available as U-1(one-ply) for lower pressure applications; Non-standard lengths and cuffs available.
Temperature: -65 °F to +300 °F
Standard colors: Black
Standard lengths: 12' (3/4"ID 10' lengths)
Size range: 3/4" to 12"

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
0.75	0.87	28	0.68	28	0.11
1.00	1.12	28	0.94	28	0.15
1.25	1.37	26	1.22	26	0.19
1.50	1.62	25	1.45	24	0.22
1.75	1.87	23	1.68	22	0.26
2.00	2.12	24	1.88	20	0.33
2.25	2.39	21	2.18	19	0.38
2.50	2.65	20	2.38	18	0.40
3.00	3.15	19	2.90	16	0.52
3.50	3.70	18	3.38	14	0.61
4.00	4.18	16	3.87	13	0.68
4.50	4.67	15	4.36	11	0.81
5.00	5.17	14	4.88	10	1.05
5.50	5.67	13	5.39	8	1.11
6.00	6.17	11	5.89	7	1.21
6.50	6.69	11	6.38	6	1.30
7.00	7.19	9	6.88	5	1.46
8.00	8.19	7	7.84	3	1.48
9.00	9.19	6	8.86	2	1.36
10.00	10.23	5	9.82	1.5	1.46
11.00	11.23	4	10.83	1	1.53
12.00	12.23	4	11.82	1	1.69

FLEX-FLYTE® L-9/DSF

Heavy weight

Service sévère

Construction: Two-ply silicone coated fiberglass hose with a helically wound spring wire imbedded between two-plies
Features: UV and weather resistant; Light weight, easy to install and non-kinking; Great for handling air, dust, fumes & light powder; Standard duct for high temperature air flow and fume removal; Internal ply provides a smooth interior for maximum air flow and minimum friction loss; Not recommended for liquids or abrasive materials; Available as U-9 (one-ply) for lower pressure applications; Non-standard lengths and cuffs available.
Temperature: -75 °F to 500 °F (intermittent to 600°F)
Standard colors: Red
Standard lengths: 12' (3/4"ID 10' lengths)
Size range: 3/4" to 12"

Construction: Similaire à U-9 (mais avec tube d'une surface intérieure uniforme (lisse) en caoutchouc silicone pour meilleur débit d'air et plus grande pression positive. Longueurs de 12'.
Écart de température: 75 °F à +500 °F Fabrication d'un joint pour plus grande longueur.

DUCTING & VENTILATION

ALFAGOMMA

inch/Po	inch/Po	psi	inch/Po	inHg	lb(ft)/lb(pi)
1.00	1.12	19	0.85	19.0	0.133
1.25	1.37	18	0.96	19.0	0.153
1.50	1.62	18	1.20	18.0	0.190
1.75	1.87	16	1.51	16.0	0.230
2.00	2.12	15	1.72	14.0	0.300
2.25	2.39	14	2.05	13.0	0.340
2.50	2.65	14	2.15	12.5	0.370
3.00	3.15	13	2.55	11.0	0.460
3.50	3.70	12.5	3.10	10.0	0.510
4.00	4.18	12	3.60	10.0	0.560
4.50	4.67	11	4.15	8.5	0.680
5.00	5.17	10	4.60	7.5	0.750
5.50	5.67	9.5	5.20	6.0	0.860
6.00	6.17	7	5.65	5.0	0.820
6.50	6.69	7	6.12	4.5	1.020
7.00	7.19	6	6.68	3.8	0.890
8.00	8.19	5	7.58	2.5	0.980
9.00	9.19	4.3	8.50	2.0	1.210
10.00	10.23	3	9.60	1.0	1.160
11.00	11.23	2.2	10.30	0.8	1.240
12.00	12.23	1.7	11.40	0.5	1.370

FLEX-FLYTE® U-9/SSF

Light weight

Léger

Construction: One-ply silicone coated fiberglass hose with a helically wound spring steel wire bonded to the inter
Features: Hose is heat vulcanized for maximum adhesion and rubber to wire bond; Lightweight, easy to install and non-kinking; Great for low pressure handling of air, dust or fumes; Not recommended for liquids or abrasive materials; Longer splice lengths available.
Temperature: -75 °F to +400 °F
Standard colors: Red
Standard lengths: 12'
Size range: 1" to 12"

Construction: Fibres de verre recouvert de caoutchouc silicone avec fil d'acier en spirale incorporé. Très léger avec maximum de f;exibilité pour très haute température. Longeuers de 12'.
Écart de température: -75 °F à +500 °F. Fabrication d'un joint pour plus grande longueur.

FLEX-FLYTE® LR-1

Smooth interior

Intérieur lisse

Construction: Two-ply fiberglass-neoprene coated with a .032 neoprene liner
Features: Smooth interior provides maximum airflow and minimizes friction loss; Tough interior is great for handling small particles; Good abrasion resistance for light material handling; Non-standard lengths and cuffs available.
Temperature: -65 °F to 300 °F
Standard colors: Black
Standard lengths: 12'
Size range: 3/4" to 12"

Construction: Deux couches de fibre de verre enduit de néoprène avec une doublure en néoprène 0.032
Caractéristiques: Intérieur lisse fournit débit d'air maximal et minimise les pertes par frottement; intérieur robuste est idéal pour la manipulation de petites particules, la résistance à l'abrasion pour la manutention léger; longueurs non standard et les manchettes disponibles.
Température: -65 °F +300 °F
Couleur standard: Noir
Longeur standard: 12'
Écarts de grandeurs: 3/4" à 12"

FLEX-FLYTE® R

Abrasion resistant

Résistant à l'abrasion

Construction: Two-ply fiberglass coated neoprene
Features: Smooth interior provides maximum airflow with minimal friction loss; Does not kink in sharp bends; Rugged fiberglass base.
Temperature: -60 °F to 300 °F
Standard colors: Black
Standard lengths: 12'
Size range: 1" to 12"

Construction: Deux couches de fibre de verre enduit de néoprène
Caractéristiques: Intérieur lisse fournit débit d'air maximal et minimise les pertes par frottement; Ne se plie pas dans les virages; robuste base en fibre de verre
Température: -65 °F +300 °F
Couleur standard: Noir
Longeur standard: 12'
Écarts de grandeurs: 1" à 12"

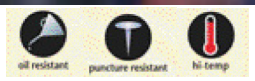
FLEX-FLYTE® TFE-S

Teflon® liner

Doublure en Teflon®

Construction: Two-ply silicone coated fiberglass with Teflon® liner
Features: Teflon® liner is permanently bonded to inner ply of silicone fiberglass material; Excellent chemical resistance and flow characteristics; Also available as TFE-N (Neoprene coated fiberglass with Teflon® liner with temp. range -75°F to 300°F).
Temperature: -75 °F to +400 °F
Standard colors: Red
Standard lengths: 12' (1/2"ID 6' length, 3/4"ID 10' length)
Size range: 1/2" to 12"

Construction: Deux couches de fibre de verre enduit de néoprène avec une doublure en Teflon®
Caractéristiques: La doublure de Teflon ® est lié en permanence à la couche interne de fibre de verre en silicone; Excellente résistance chimique et les caractéristiques de débit; Egalement disponible en TFE-N (fibre de verre enduit de néoprène avec doublure en Teflon ® avec une écart de température de -75 ° F à 300 ° F).
Température: -75 °F +400 °F
Couleur standard: Rouge
Longeur standard: 12' (1/2"ID 6' longeur, 3/4"ID 10' longeur)
Écarts de grandeurs: 1/2" à 12"



FLEXFAST COUPLINGS

Accessories

Construction: Neoprene rubber and neoprene woven nylon or silicone rubber and silicone woven fiberglass
Features: Each convolution is reinforced inside and outside by a stainless steel ring; Clamp available for couplings; Class “B” military grade coupling available.
Temperature: -20°F to 225°F/Neoprene, -75°F to 500°F/Silicone
Standard colors: Black (Neoprene), Red (Silicone)
Standard lengths: 7’
Size range: 2 3/8” to 12 3/4” (2” to 12” pipe sizes)

Construction: Caoutchouc en néoprène et nylon en néoprène ou en silicone de caoutchouc et fibre de verre tissés de silicone
Caractéristiques: Chaque convolution est renforcée à l’intérieur et à l’extérieur par un anneau en acier inoxydable, crampons disponible pour les accouplements; classe «B» de couplage de qualité militaire disponibles.
Température: -20 °F à +225 °F/ néoprène, -75°F to 500°F/Silicone
Couleurs standard: Noir (néoprène), Rouge (silicone)
Longeur standard: 7’
Écarts de grandeurs: 2 3/8” à 12 3/4” (2” à 12” grandeurs de tubes)

ACCESSORIES

Connectors
Raccords

Left & Right Handed Bridge Clamps:
• Stainless steel bridge clamp provides a strong seal
• The flat band clamps around the hose between the raised helix to insure a tight leak guard at the connection
• Available in sizes: 2”- 24” ID
Quick Release Clamps:
• The open/close design allows for easy installation
• Features stainless steel band
• Available in sizes: 3” - 24” ID
Wyes/britches, welded reducers and small hoods:
Please consult for availability and pricing

Construction: Grey PVC - abrasion and ozone resistant - self extinguishing
Reinforcement: White shock resistant rigid PVC
Use: Air, gas, fumes extraction. Air conditioning-ventilation
Temperature: -10 °C +60 °C (+14 °F +140 °F)

COUPLERS

Connectors
Raccords

Button Locks:
• Produced from 16 gauge galvanized steel that provides an internal male/female lock mechanism
• Easily attached on site with standard worm gear clamps or banding
• Available in sizes 4” – 24”
Slip Lock:
• Provide a quick, convenient means of coupling hose on site when banded with screw clamps
• In 304 stainless steel and reusable
• Available in sizes 4” – 18”
Ground Groove Coupler:
• Produced from 304 stainless steel and features Slip-loc/J-loc style connection
• Feature grounding groove from helical wire attachment to provide positive ground transfer
• Available in sizes 4” – 18”
Duct Connectors:
• Produced in 20 gauge steel
• A quick and easy way to extend any length of duct in the field with the use of bridge clamps, provides good sealing characteristics
• Available in sizes 4” – 24”

Construction: Grey PVC - abrasion and ozone resistant - self extinguishing
Reinforcement: White shock resistant rigid PVC
Use: Air, gas, fumes extraction. Air conditioning-ventilation
Temperature: -10 °C +60 °C (+14 °F +140 °F)

ALFAGOMMA solves more end user hose & ducting application problems than any one else in the market today!
We use only the highest quality raw materials to produce innovative, trend setting products. This catalog represents the core Hi-Tech Duravent product line. Our knowledgeable, technically trained sales team is ready to help with your hose & ducting needs.

DUCTING & VENTILATION

ALFAGOMMA

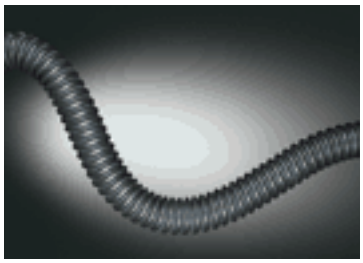
Tiger-Duct™ EDB

Construction: Highly flexible, non-kinking; Chemically-resistant
Reinforcement: Unique wire-reinforced polyproplene allows for self-support
Use: A/C, spot cooling, & heating systems; Room air exhaust & ventilation; Dust collection; Fume removal; Laboratories; OEM equipment; ideal for chemical fume exhaust applications
Temperature: -4 °F +175 °F

Construction: Très souple, non-vrillage, résistant aux produits chimiques
Armature: Polypropylène renforcé de fil métallique unique qui permet l'auto-support
Application: A / C, refroidissement localisé, et les systèmes de chauffage, échappement d'air et de ventilation de chambre; de dépoussiérage, l'élimination des vapeurs, laboratoires, les équipements OEM; idéal pour les applications d'échappement de vapeur chimiques.
Temperature: -4 °F +175 °F

Standard Stock Colors						Wire Diameter								Approx. Contracted Shipping Length
Brown	White	mm	inch	mm	inch	mm	68 °F psi/bar	104 °F psi	@ 68 °F	68 °F	104 °F	kg/m	lb/ft	Hose Only
EDB-150	EDB-150	1.5	37.5	1.63	41.5	1.0	20/1.38	7	1.2"	22	14	0.149	0.10	85"
EDB-200	EDB-200	2.0	53.5	2.26	57.5	1.0	13/.90	6	1.6"	21	12	0.179	0.12	82"
EDB-250	EDB-250	2.5	67.0	2.80	71.0	1.0	10/.69	5	2.0"	19	10	0.238	0.16	72"
EDB-300	EDB-300	3.0	76.5	3.17	80.5	1.0	10/.69	5	2.3"	18	10	0.268	0.18	72"
EDB-400	EDB-400	4.0	102.0	4.17	106.0	1.2	8/.55	4	3.0"	13	7	0.342	0.23	70"
EDB-500	EDB-500	5.0	127.5	5.18	131.5	1.2	7/.48	3	4.3"	10	6	0.402	0.27	70"
EDB-600	EDB-600	6.0	155.0	6.26	159.0	1.2	6/.41	3	5.1"	7	5	0.491	0.33	70"
EDB-800	EDB-800	8.0	202.0	8.19	208.0	1.8	4/.28	2	7.0"	5	3	1.012	0.68	70"
EDB-1000	EDB-1000	10.0	253.0	10.22	259.51	1.8	3/.21	1	9.0"	4	2	1.235	0.83	70"
EDB-1200	EDB-1200	12.0	302.0	12.13	308.0	1.8	2/.14	1	11.0"	3	1	1.354	0.91	70"

SERIES	inches	Description
GEXFLT200	2	2" Dia. X 11 Ft. Long Hose Flare Lock
GEXFLT250	2.5	2 1/2" Dia. X 11 Ft. Long Hose Flare Lock
GEXFLT300	3	3" Dia. X 11 Ft. Long Hose Flare Lock
GEXFLT400	4	4" Dia. X 11 Ft. Long Hose Flare Lock
GEXACT500	5	5" Dia. X 11 Ft. Long Hose Flare Lock

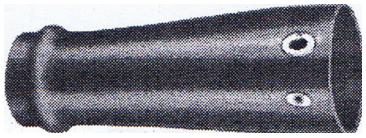


GEX-FLT Exhaust Hose - Crush Proof

Exhaust Hose - "Crush Proof"
Boyeau d'échappement - "Crush Proof"

The old 10 footer hoses are no longer available. In order to connect Crushproof tubing adaptors to the old 10 ft style, simply cut-off the Press-Lock rnds and screw the adapter into or over the 10ft hose.

Les anciens tuyeaux de 10 pieds ne sont plus disponible. Pour être en mesure de joindre un adapteur "Crushproof" aux ancien tuyeaux, simplement coupé le Press-Lock et visé l'adapteur dans un ou sur le tuyeau de 10 pi.

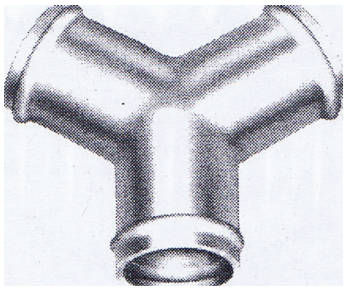


Universal Adapter - 94264/GEX-RA300

Special compounded rubber adapter will fit most domestic & foreign automobiles. Easily adjusts with special fastener to tailpipes. Designed with Press-Lock coupling. It fits over 2 1/2" & 3 1/2" I.D. hose.

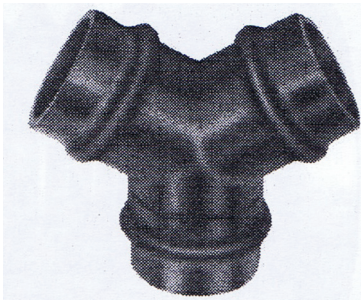
Tailpipe Adapter - 92556/GEX-F250

This adapter will accept internally a 2 1/2" I.D. hose & 3" I.D. hose. The adapter will fit up to a 3" O.D. tailpipe. It's unique design will lock onto the tailpipe assuring a tight fit.



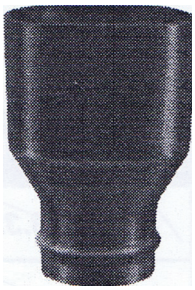
Aluminum Y Adapter - 92263/800

Heavy duty cast aluminum "Y" adapter can be used with 2" or 2 1/2" hose from two exhausts & 2 1/2" or 3" hose exhaust system outlet. Each adapter opening equipped with female coupler.



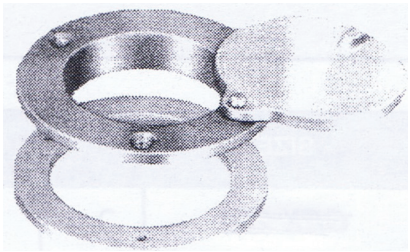
Rubber Y Adapter - 92518/GEX-RY30

A 3" universal "Y" adapter for use with 3" I.D. hose.



Dual Tailpipe Adapter - 92517/GEX-F475

This adapter is designed for use on cars & small trucks equiped with side-by-side dual exhaust pipes. This design allows the flexibility of using a 3" I.D. hose internally in the adapter or a 4" hose externally.

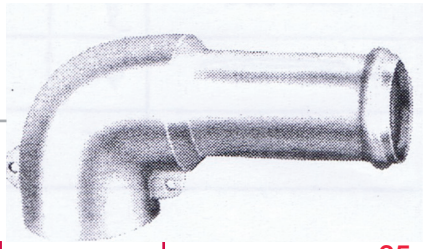


Door Port - 92261/GEX-DF25

Rugged aluminum door port is easy to install and has gravity door that automatically shuts when not in use. Fits 2" & 2 1/2" I.D. hose, & doors upto 1" thick.

Diesel Stack - 94516/GEX-DSR600

This adapter will fit most diesle stacks, & is designed for use with a 5" I.D. exhaust hose. A cross bolt prohibits the adapter from wedging on or sliding down the stack.



Diesel Elbow Adapter - 92262/GEX-AEL40

For diesel stacks. Heavy aluminum elbow fits stacks to 5" diameter, uses 4" hose. Designed with air-draft space to reduce heat. Chain-Locl arrangement holds adapter securly to stack.

COMPRESSED AIR / AIR COMPRIMÉ


L174AA Compressed air/water 10 bar (150 psi) - standard duty 37


L175AH Compressed air 20 bar (250 psi) - standard duty 37


VERSICON Multipurpose 20 bar (300 psi) - non conductive 38


GLACIER™ Multipurpose 20 bar (300 psi) 38


155AK Compressed air 20 bar (300 psi) - heavy duty 39


L155KK Rubber Covered Multipurpose Hose-Heavy Duty Type 39


140AK Compressed air 40 bar (600 psi) - steel reinforced 40


132AE Compressed air 80 bar (1200 psi) - high temperature - steel braided 40


142AK Oil-resistant, Steel-Braded, Reinforced-air 40 bar (600 psi) 41


902AA Hot air blower 10 bar (150 psi) - hard wall 41

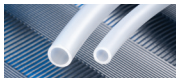

903LE Hot air blower 10 bar (150 psi) - hard wall FDA 42


806AA/ L179AA FLEXOR 6 Push-loc/Push-on 28 bar (400 psi)..... 42


160AA Railway air brake 20 bar (300 psi) - BS 3682/1 AS 2435 UNE 25289 UIC 830-1/V 43


A1243 Non-Toxic PVC Air Breathing Hose 43

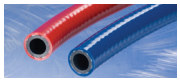

A1263 Non-Toxic PVC Air Breathing Hose & Low Temperature Non-Toxic PVC Air Breathing Hose 44


220 Linear Low Density Food Grade Polyethylene Tubing 44


221 Linear Low Density Industrial Grade Polyethylene Tubing 45


K1231 TUNDRA-AIR® K1234, K1236 Series Air & Water Hose 45


K1131 POLYAIR® K1134, K1136, K1137, K1138 Series Multi-Purpose Air & Water Hose 46


K1154/ K1156 General Purpose PVC Air & Water Hose K1156 Series 46


US Series Ether-Based Polyurethane Self-Store Coiled Tubing Assemblies for Air Tool Service Series 47


NS/NSB Nylon Self-Store Reinforced Hose Assembly 47

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
6	1/4	13	0,51	150/10	48	2,00		0,160	0,108
8	5/16	15	0,59	150/10	64	2,50		0,190	0,128
10	3/8	17	0,67	150/10	80	3,00		0,220	0,150
13	1/2	21	0,83	150/10	104	4,00		0,310	0,210
16	5/8	25	0,98	150/10	128	5,00		0,430	0,290
19	3/4	29	1,14	150/10	152	6,00		0,550	0,370
25	1	35	1,36	150/10	200	8,00		0,550	0,370
32	1 1/4	44	1.75	150/10	222	8,75		1,18	0,79
38	1 1/2	51	2	150/10	266	10,5		1,34	0,90
51	2	65	2.55	150/10	355	14		1,61	0,108

certified assembly

Product Code	Hose Size	Fitting size	Unit Lengths & Price			
			25'	50'	75'	100'
L174AA-06	1/4 x 2 (150)	1/4 x 1/4 M/M				
	1 Brin/1 Braid	1/4 x 1/4 M/F				
		1/4 x 1/4 F/F				
L174AA-08	5/16 x 2 (150)	5/16 x 1/4 M/M				
	1 Brin/1 Braid	5/16 x 1/4 M/F				
		5/16 x 1/4 F/F				
L174AA-10	3/8 x 2 (150)	3/8 x 1/4 M/M				
	1 Brin/1 Braid	3/8 x 1/4 M/F				
		3/8 x 1/4 F/F				
		3/8 x 3/8 M/M				
		3/8 x 3/8 M/F				
		3/8 x 3/8 F/F				
L174AA-013	1/2 x 2 (150)	1/2 x 1/2 M/M				
	1 Brin/1 Braid	1/2 x 1/2 M/F				
		1/2 x 1/2 F/F				

Note: Assembled with male machined brass NPT each end.
Accouplez avec embouts mâle NPT en laiton (chaque bout).

L174AA

Compressed air 10 bar (150 psi) standard duty

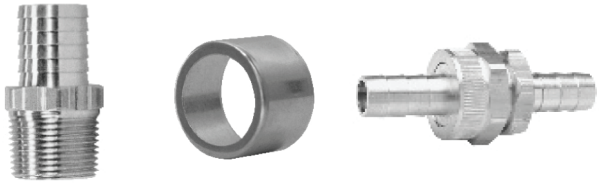
Air comprimé 10 bar (150 psi) service standard

Tube: Black EPDM - oil mist resistant
Reinforcement: High tensile textile cords
Cover: Black EPDM - abrasion and ozone resistant
Use: Compressed air and general industrial applications
Safety factor: 4:1
Temperature: -40 °C +93 °C (-40 °F +200 °F)

Tube: EPDM noir - resistant aux projections d'huile
Armature: nappe textiles haute tenacité
Revetement: EPDM noir - résistant a l'abrasion et a l'ozone
Application: air comprimé et applications industrielles diverese
Normes de sécurité: 4:1
Température: -40 °C +93 °C (-40 °F +200 °F)

Hose Size	Fitting size	Unit Lengths & Price			
		25'	50'	75'	100'
1/2" 300 psi	1/2" x 1/4 MxF"				

Note: Assembled with machined brass male x female garden hose fittings. GHT garden hose thread.



mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
6	1/4	16	0,63	300/20	48	2,00		0,240	0,160
8	5/16	16	0,63	300/20	64	2,50		0,210	0,140
10	3/8	18	0,71	300/20	80	3,00		0,270	0,180
13	1/2	22	0,87	300/20	104	4,00		0,370	0,250
16	5/8	25	0,98	300/20	128	5,00		0,450	0,300
19	3/4	29	1,14	250/17	152	6,00		0,570	0,380
25	1	35	1,36	200/10	200	8,00		0,550	0,370
32	1 1/4	44	1.75	150/10	222	8,75		1,18	0,79
38	1 1/2	51	2	150/10	266	10,5		1,34	0,90
51	2	65	2.55	150/10	355	14		1,61	0,108

certified assembly

Product Code	Hose Size	Fitting size	Unit Lengths & Price			
			25'	50'	75'	100'
L175AH-06	1/4 x 2 (300)	1/4 x 1/4 M/M				
	2 Brin/2 Braid	1/4 x 1/4 M/F				
		1/4 x 1/4 F/F				
L175AH-08	5/16 x 2 (300)	5/16 x 1/4 M/M				
	2 Brin/2 Braid	5/16 x 1/4 M/F				
		5/16 x 1/4 F/F				
L175AH-10	3/8 x 2 (300)	3/8 x 1/4 M/M				
	2 Brin/2 Braid	3/8 x 1/4 M/F				
		3/8 x 1/4 F/F				
		3/8 x 3/8 M/M				
		3/8 x 3/8 M/F				
		3/8 x 3/8 F/F				
L175AH-12	1/2 x 2 (300)	1/2 x 1/2 M/M				
	2 Brin/2 Braid	1/2 x 1/2 M/F				
		1/2 x 1/2 F/F				

Note: Assembled with male machined brass NPT each end.
Accouplez avec embouts mâle NPT en laiton chaque extremité).

L175AH

Compressed air 20 bar (250 psi) standard duty

Air comprimé 20 bar (250 psi) service standard

Tube: Black EPDM - oil mist resistant
Reinforcement: High tensile textile cords
Cover: Red EPDM - abrasion and ozone resistant
Use: Compressed air and general industrial applications
Safety factor: 4:1
Temperature: -40 °C +93 °C (-40 °F +200 °F)

Tube: EPDM noir - resistant aux projections d'huile
Armature: nappe textiles haute tenacité
Revetement: EPDM rouge - résistant a l'abrasion et a l'ozone
Application: air comprimé et applications industrielles diverese
Normes de sécurité: 4:1
T**empérature:** -40 °C +93 °C (-40 °F +200 °F)

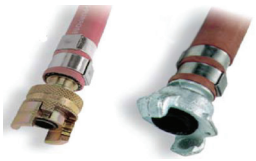
COMPRESSED AIR

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
6	1/4	16	0,63	300/20	48	2,00		0,240	0,160
10	3/8	18	0,71	300/20	80	3,00		0,270	0,180
13	1/2	21	0,83	300/20	104	4,00		0,370	0,250
19	3/4	29	1,14	300/20	152	6,00		0,620	0,420
25	1	29	1,14	300/20	152	6,00		0,620	0,630
32	1 1/4	45	1,78	250/17	222	9,00		0,121	0,81
38	1 1/2	52	2,03	250/17	267	11,00		1,41	0,95

certified assembly

NB: Please contact ALFAGOMMA representative.



VERSICON

Multipurpose 20 bar (300 psi) - non conductive

Usage-multiple 20 bar (300 psi) - non conductif

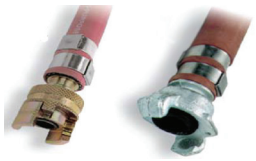
Tube: Black non conductive NBR (RMA Class A)
Reinforcement: 4 spiral polyester yarn
Cover: Red- PVC/Nitrile (Class A) other colors available
Use: Designed for tough usage in steel mills, shipyards, foundries, auto plants and construction industries. The NBR tube will convey oil, fuel oil and other petroleum derived products. Meets the standard for conductivity as well as high degree of electrical non-conductivity requirements. NOT recommended for the variety of unleaded gasolines existing today.
Temperature: -29 °C +82 °C (-20 °F +180 °F)

Tube: Noir non conductive NBR (RMA Classe A)
Armature: 4 Fils de polyester spirale
Revetement: Rouge PVC/Nitrile (Clase A)
Application: Conçu pour une utilisation difficile dans les aciéries, chantiers navals, les fonderies, industries d'usines d'automobiles et de la construction. Le tube NBR transmettra huile, carburant et autres produits dérivés du pétrole. Répond aux standards de conductivité ainsi que le degré élevé d'exigences non-conductif électrique. PAS recommandée pour la variété des essences sans plomb existant aujourd'hui.
Température: -29 °C +82 °C (-20 °F +180 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
6	1/4	16	0,63	300/20	38	1,50		0,22	0,15
10	3/8	19	0,75	300/20	57	2,25		0,31	0,21
13	1/2	24	0,94	300/20	76	3,00		0,45	0,3
19	3/4	32	1,25	300/20	114	4,50		0,58	0,39
25	1	38	1,50	300/20	177	7,00		0,73	0,49
32	1 1/4	45	1,78	300/20	222	9,00		0,91	0,61
35	1 3/8	48	1,88	300/20	235	9,00		1,101	0,68
38	1 1/2	53	2,09	300/20	266	10,50		1,23	0,83

certified assembly

NB: Please contact ALFAGOMMA representative.



GLACIER™ MULTIPURPOSE

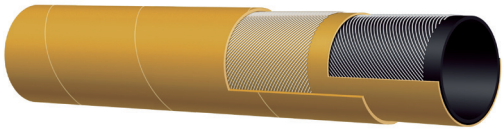
Multipurpose 20 bar (300 psi)

Usage-multiple 20 bar (300 psi)

Tube: ECO low temp, oil resistant, synthetic rubber RMA Class A
Reinforcement: 4 spiral polyester yarn
Cover: ECO low temp, oil resistant, synthetic rubber RMA Class A
Use: Glacier is a cold weather hose specifically engineered for use in sub-zero applications. It handles air, oil, gasoline, diesel, kerosene, fuel oil and some chemicals. Even at temperatures as low as -65°F, Glacier keeps its flexibility, resists kinks and maintains its easy-reeling characteristics. Glacier has an oil resistant, synthetic rubber tube that is reinforced with a spiraled high tensile polyester cord. These features combine to provide a constant working pressure of 300 psi and a 4:1 burst safety factor. Glacier's blue synthetic rubber cover is designed for maximum abrasion resistance. Glacier comes in a variety of sizes. The Glacier hose is designed to operate effectively and remain easy to handle and reel.
Temperature: -54 °C +82 °C (-65 °F +180 °F)

Tube: ECO basse température, résistant à l'huile, en caoutchouc synthétique RMA Classe A
Armature: 4 Fils de polyester spirale
Revetement: ECO basse température, résistant à l'huile, en caoutchouc synthétique RMA Classe A
Application: Glacier est un tuyau pour temps froid spécialement conçu pour une utilisation dans des applications sous zéro. Il traite de l'air, huile, essence, diesel, kérosène, le mazout et certains produits chimiques. Même à des températures aussi basses que -65 ° F, Glacier conserve sa souplesse, résiste aux plis et maintient ses caractéristiques facile-enroulement. Glacier a une résistant à l'huile, le tube de caoutchouc synthétique est renforcé par un cordon en spirale de polyester à haute résistance. Ces caractéristiques se combinent pour fournir une pression constante de travail de 300 psi et un facteur d'éclatement de sécurité 4:1. La couverture bleue du Glacier est en caoutchouc synthétique et est conçu pour la résistance maximale à l'abrasion. Glacier vient dans une variété de tailles. Le tuyau Glacier est conçu pour fonctionner de manière efficace et restent faciles à manipuler et a enbobiner.
Température: -29 °C +82 °C (-20 °F +180 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
13	1/2	21	0,83	300/20				0,320	0,215
19	3/4	29	1,14	300/20				0,560	0,380
25	1	35	1,38	300/20				0,700	0,470
32	1 1/4	44	1,73	300/20				1,090	0,730
38	1 1/2	50	1,97	300/20				1,260	0,850
51	2	65	2,56	300/20				1,660	1,120
63	2 1/2	79	3,11	300/20				2,300	1,550
76	3	92	3,62	300/20				2,810	1,890
102	4	118	4,65	300/20				3,670	2,470



155AK

Compressed air 20 bar (300 psi) - heavy duty

Air comprimé 20 bar (300 psi) - service sévère

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile textile cords
Cover: Yellow SBR - abrasion and ozone resistant
Use: Compressed air designed for heavy duty applications
Safety factor: <= 51 mm 3:1 >=63 mm 2,5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

We recommend DIXON fittings.

Tube: mélange sbr/nbr noir - resistant aux projections d'huile
Armature: nappes textiles haute tenacite
Revetement: sbr jaune - resistant a l'abrasion et a l'ozone
Application: air comprime pour utilisations en applications service severe.
Température -30°c +80°c (-22°f +176°f)
Normes de sécurité: <= 51 mm 3:1 >=63 mm 2,5:1
Température: -30 °C +80 °C (-22 °F +176°F)

Nous recommandons les raccords DIXON.

CODE	mm	inch/Po	psi / bar	WALL THICKNESS mm / inch (Po)	TENSILE STRENGTH kg	BURSTING PRESSURE psi / bar	RADIUS OF CURVATURE m	kg/m	lb/ft
L155KK175	45	1 3/4	300 / 20	3.3 / 0.13	900	60 900	0.700	0.46	0.029
L155KK200	52	2	300 / 20	3.3 / 0.13	1.300	60 900	1.100	0.53	0.033
L155KK250	65	2 1/2	300 / 20	3.5 / 0.14	1.400	60 900	1.300	0.70	0.044
L155KK300	75	3	300 / 20	3.5 / 0.14	10.200	60 900	3.600	0.92	0.057

L155KK

Rubber Covered Multipurpose Hose Heavy Duty Type

Tuyau polyvalent recouvert de caoutchou service sévère

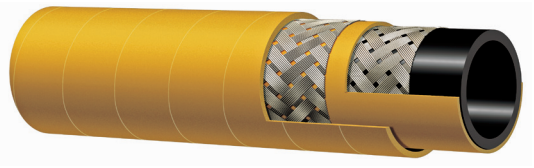
Tube: Heavy ribbing for superior abrasion resistance and protection against contact heat
Reinforcement: The special weaving design offers a high pressure performance, superior adhesion level and flow performance compared to an all polyester weave
Cover: Special high grade formulated NBR / PVC compound extruded "through the weave" in a unique one-step production process
Use: Construction sites and industry; agriculture and mining high pressure water transfer and compressed air; irrigation and draining for heavy duty service under tough conditions
Safety factor: 3:1
Temperature: -20 °C +100 °C (-4 °F +212 °F)

Tube: nervures lourdes pour la résistance à l'abrasion supérieure et la protection contre la chaleur
Armature: la conception spéciale de tissage offre une performance à haute pression, un niveau d'adhérence supérieure et la performance de débit supérieure à une armure tout en polyestere
Revetement: mélange NBR/PVC de haute qualité, extrudée à travers le tissage
Application: Les chantiers de construction et de l'industrie, l'agriculture et l'exploitation minière de transfert haute pression d'eau et d'air comprimé, l'irrigation et de drainage pour le service lourd dans des conditions difficiles
Normes de sécurité: 3:1
Température: -20 °C +100 °C (-4 °F +212 °F)

COMPRESSED AIR

ALFAGOMMA

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
13	1/2	25	0,98	600/41	65	2,50		0,650	0,440
19	3/4	31	1,22	600/41	95	3,75		0,810	0,540
25	1	37	1,46	600/41	125	5,00		1,010	0,680
32	1 1/4	44	1,73	600/41	160	6,25		1,240	0,830
38	1 1/2	52	2,05	600/41	190	7,50		1,660	1,120
51	2	65	2,56	600/41	255	10,00		2,350	1,580
63	2 1/2	83	3,27	450/31	315	12,50		3,570	2,400
76	3	96	3,78	450/31	380	15,00		4,260	2,860
102	4	122	4,80	450/31	510	20,00		6,150	4,130



140AK

Compressed air 40 bar (600 psi) steel reinforced

Air comprimé 40 bar (600 psi) armeture acier

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile steel cords
Cover: Yellow SBR - abrasion and ozone resistant - pin pricked
Use: High pressure compressed air designed for heavy duty mine and quarry applications where long service life and maximum safety is required
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

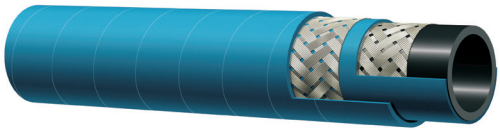
We recommend DIXON ground joint.

Tube: mélange sbr/nbr noir - résistant aux projections d'huile
Armature: nappes textiles haute tenacité
Revetement: sbr jaune - résistant a l'abrasion et a l'ozone
Application: air comprimé a forte pression pour mines et carrières concu pour longue durée enservice sévère. Coéfficient sécurité éleve. Production possible tress-diametres 38mm et 51mm.
Température -30°c +80°c (-22°f +176°f)
Normes de sécurité: 4:1

Nous recommandons les raccords DIXON.

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
51	2	70	2,76	1200/82	255	10,00		3,100	2,080

NB: Also available with crimped ends.
Aussi dissponible avec raccors de sertissage.



132AE

Compressed air 80 bar (1200 psi) high temperature - steel braided

Air comprimé - haute température Armature acier

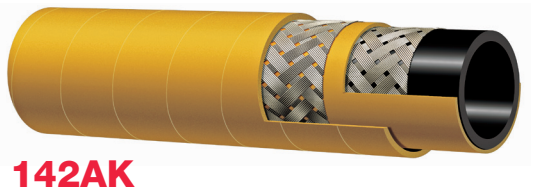
Tube: Black chlorobutyl - oil mist and high temperature resistant
Reinforcement: High tensile steel wire braids
Cover: Blue EPDM - abrasion and ozone resistant - pin pricked
Use: High pressure compressed air designed for heavy duty mine and quarry applications where long service life and maximum safety is required.
Designed for use of EN 853 2ST fittings
Safety factor: 4:1
Temperature: -40 °C +150 °C (-40 °F +300 °F)
with peaks of 232 °C (450 °F)

We recommend DIXON HP ground joint.

Tube: chlorobutyle noir-resistant aux projections d'huiles et hautes temperatures
Armature: tresses acier haute tenacite
Revetement: EPDM bleu - resistant a l'abrasion et a l'ozone - micro perfore
Application: air comprime pour temperature elevee specialement concu pour l'industrie miniere et les operations de forage. Structure tressee pour diametres 38mm et 51mm. Structure spiralee pour Diametre 63mm et 76mm. Les raccords sae 100 r2a conviennent pour les diam. 38 et 51 mm
Normes de sécurité: 4:1
Température: -40 °c +150 °c (-40 °f +300 °f)
intermitant 232 °C (450 °F)

Nous recommandons les raccords DIXON.

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
51	2	64	2,52	600/40	254	10,00		2,370	148
63	2 1/2	79	3,11	600/40	317.5	12,50		3,299	206
76	3	92	3,62	600/40	381	15,00		4,068	254



142AK

Oil Resistant Steel Braided Reinforced Air Hose - 40 bar (600 psi)

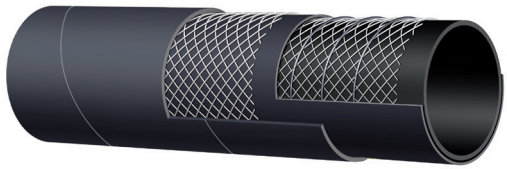
Tuyaux d'air en tresse d'acier résistant a l'huile - 40 bar (600 psi)

Tube: Black NBR (RMA class A) - oil mist resistant
Reinforcement: High tensile steel wire braids
Cover: Yellow SBR/NBR - abrasion and ozone resistant, hydro-carbon and flame resistant - pin pricked
Use: High pressure compressed air designed for heavy duty mine and quarry applications where long service life and maximum safety is required
Temperature: -40 °C +120 °C (-40 °F +242 °F)

We recommend DIXON fittings.

Tube: chlorobutyle noir-resistant aux projections d'huiles et hautes temperatures
Armature: tresses acier haute tenacite
Revetement: EPDM jaune - resistant a l'abrasion et a l'ozone - micro perfore
Application: air comprime, specialement concu pour l'industrie miniere et les operations de forage demandant une longue durée de vie et la sécurité maximale
Température: -40 °c +120 °c (-40 °f +242 °f)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
51	2	63	2,48	150/10	153	6,00	100	1,480	0,990
63	2 1/2	77	3,03	150/10	189	7,50	100	1,970	1,320
76	3	90	3,54	150/10	228	9,00	90	2,340	1,570
102	4	116	4,57	150/10	306	12,00	90	3,220	2,160



902AA

Hot air blower 10 bar (150 psi) - hard wall

Aspiration et refoulement d'air chaud 10 bar (150 psi)

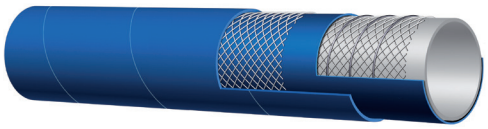
Tube: Black EPDM - heat resistant
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black EPDM - heat, abrasion and ozone resistant
Use: Hot air connection from volumetric compressor to bulk food/material road tanker. Special light weight and flexible construction
Safety factor: 3:1
Temperature: -40 °C +180 °C (-40 °F +356 °F)

Tube: EPDM noir - résistant a la chaleur
Armature: Nappe textile haute tenacité avec spirales acier noyées.
Revetement: EPDM noir - résistant à la chaleur, l'abraison et à l'ozone.
Application: Transfert d'air chaud ou compresseur a la citerne pour depotage du pulverulants. Construction special "4 + 4 SP PLUS" pour une meilleure flexibilité.
Norme de sécurité: 3:1
Température: -40 °C +180 °C (-40 °F +356 °F)

COMPRESSED AIR

ALFAGOMMA

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
51	2	63	2,48	150/10	153	6,00	100	1,480	0,990
63	2 1/2	77	3,03	150/10	189	7,50	100	1,970	1,320
76	3	90	3,54	150/10	228	9,00	90	2,340	1,570
102	4	116	4,57	150/10	306	12,00	90	3,220	2,160



903LE

Hot air blower 10 bar (150 psi) - hard wall FDA

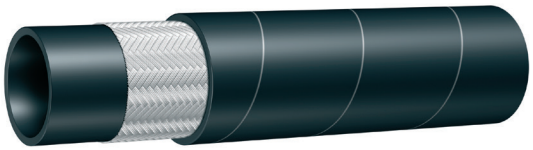
Aspiration et refoulement d'air chaud 10 bar (150 psi), FDA

Tube: Black EPDM - heat resistant
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Blue EPDM - heat, abrasion and ozone resistant
Use: Hot air connection from volumetric compressor to bulk food/ material road tanker. Special light weight and flexible construction
Safety factor: 3:1
Temperature: -40 °C +180 °C (-40 °F +356 °F)

Tube: EPDM noir - résistant a la chaleur
Armature: Nappe textile haute tenacité avec spirales acier noyées.
Revetement: EPDM bleu - résistant à la chaleur, l'abraison et à l'ozone.
Application: Transfert d'air chaud ou compresseur a la citerne pour depotage du pulverulants. Construction special pour une meilleure flexibilité.
Norme de sécurité: 3:1
Température: -40 °C +180 °C (-40 °F +356 °F)

Dash	mm	in	mm	psi	psi	mm	kg/m	lb/C ft
-4	6	1/4	12,7	400	1600	64	0,13	9
-5	8	5/16	14,3	400	1600	76	0,13	9
-6	10	3/8	15,9	400	1600	76	0,17	11
-8	13	1/2	19,8	400	1600	102	0,23	15
-10	16	5/8	23	350	1400	107	0,27	18
-12	19	3/4	26,9	300	1200	152	0,37	25
-16	25	1	33,4	250	1000	203	0,49	33

FERRULE	04	05	06	08	10	12	16	
H1100404	X	X	X	X	X	X	X	NS
H1100SK1	X	X	X	X	X	X	X	NS



L179AA
806AA/FLEXOR 6

SAE 100 R6 - EN 854 R6 (fino 3/4")
Push-loc/push-on 28 bar (400 psi)
Long lasting

Push-loc/push-on 28 bar (400 psi)
Longue durée

Tube: oil resistant synthetic rubber.
Reinforcement: one high tensile textile braid.
Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.
Application: low pressure hydraulic lines, fuel oil, antifreeze solutions, air and water. Specially designed for use in "PUSH ON" applications.
Constant operation: -40°C +100°C (air max T = +70°C)
Length: random

Tube: Caouthouc synthétique résistant à l'huile
Armature: 1 tresse polyester haute ténacité
Revêtement: Caoutchouc synthétique résistant à l'abrasion, à l'ozone et aux hydrocarbures
Application: Circuits hydrauliques basse pression, huile, anti-gel, air et eau. Spécialement conçu pour applications "push-on"
Température utilisation normale: -40°C +100°C (T max air = +70°C)
Longueur: aléatoire

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
13	1/2	25	0,98	300/20	75	3,00		0,470	0,320
20	13/16	34	1,34	300/20	100	4,00		0,820	0,550
22	7/8	36	1,42	300/20	100	4,00		0,890	0,600
30	1 3/16	46	1,81	300/20	150	6,00		1,110	0,750
35	1 3/8	53	2,09	300/20	250	10,00		1,460	0,980

160AA

Railway air brake 20 bar (300 psi) BS 3682/1 AS 2435 UNE 25289 UIC 830-1/V

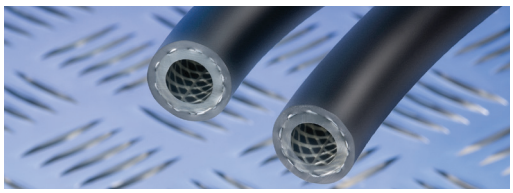
Air comprimé freinage ferroviaire 20 bar BS 3682/1 AS 2435 UNE 25289 UIC 830-1/V

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile textile braids
Cover: Black SBR/NBR - abrasion and ozone resistant
Use: Railway air brake
Safety factor: 4:1
Temperature: -25 °C +65 °C (-13 °F +150 °F)

Tube: mélange sbr/nbr noir - résistant aux projections d'huile
Armature: nappes tresses textiles haute tenacité
Revetement: mélange sbr/nbr noir - resistant a l'abrasion et a l'ozone
Application: air comprime pour systeme de freinage sur wagons.
Normes de sécurité: 4:1
Température: -25 °c +65 °c (-13 °f +150 °f)

Size Code	mm	inch/Po	mm	inch/Po	max. psi/bar @70 °F (20 °C)	max. psi/bar @122 °F (50 °C)	Standard Length Coils	Approx. Wt. /Pkg. (kg)	Approx. Wt. /Pkg. (lbs)
04	6,5	1/4	15,9	0,625	250/17	150/10	300	19.05	42
04	6,5	1/4	12,7	0,500	250/17	150/10	500	18.14	40
06	9,5	3/8	17,5	0,688	250/17	150/10	300	19.50	43
08	12,7	1/2	21,3	0,840	250/17	150/10	300	29.94	66

FDA(03), **NIOSH**(14), **RoHS**(15)



A1243 Series

Non-Toxic PVC Air Breathing Hose

Tuyau à air pour réspiration, non-toxic

Tube: Clear PVC Compound with reinforced high tensile strength yarn
Cover: Non-toxic, U.V. and weather resistant black PVC compound
Use: General type C air supply lines; Paint spray booths; Indoor, in-plant air service; Outdoor, open air service.
Temperature: -26 °C + 65 °C (-15 °F + 150 °F)

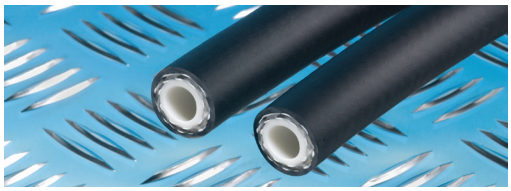
Tube: PVC avec armature nappe textile à haute tenacité.
Revetement: Composé de PVC Non-toxique, Résiste aux rayons UV et intemperies.
Application: Lignes d'air générale de type C; cabines de pulvérisation de peinture; intérieur, en usine à des services aériens; éxterieurs, service en plein air.
Température: -26 °C + 65 °C (-15 °F + 150 °F)

COMPRESSED AIR

ALFAGOMMA

Size Code	mm	inch/Po	mm	inch/Po	max. psi/bar @70 °F (20 °C)	@122 °F (50 °C)	Standard Length Coils	Approx. Wt. /Pkg. (kg)	Approx. Wt. /Pkg. (lbs)
04	6,5	1/4	15,1	0,594	400/27	240/16	500	28.58	63
06	9,5	3/8	19,1	0,750	400/27	240/16	500	26.31	58

FDA(03), NIOSH(14), RoHS(15)



A1263 Series

Low Temperature Non-Toxic PVC Air Breathing Hose

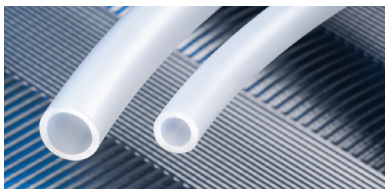
Tuyau à air non-toxic pour réspiration en PVC à basse température

Tube: Clear PVC Compound with reinforced high tensile strength yarn
Cover: Non-toxic U.V. and weather resistant black PVC compound
Use: General type C air supply lines; Paint spray booths; Indoor, in-plant air service; Outdoor, open air service in extreme low temperature conditiions.
Temperature: -40 °C + 65 °C (-40 °F + 150 °F)

Tube: PVC avec armature nappe textile à haute tenacité. Résiste aux rayons UV et intemperies.
Application: Lignes d'air générale de type C; cabines de pulvérisation de peinture; intérieur, en usine à des services aériens; éxterieurs, service en plein air, air basse température.
Température: -40 °C + 65 °C (-40 °F + 150 °F)

Size Code X Length	mm	inch/Po	mm	inch/Po	mm	inch/Po	max. psi/bar @70 °F (20 °C)	@122 °F (50 °C)	Standard Length Spool/ Coil (ft)	Pkg.	Approx. Wt. /Pkg. (kg)	Approx. Wt. /Pkg. (lbs)
0440x1K	6,4	1/4	4,3	0,170	1,0	0,040	140/9	60/4	1000	Spool	4.99	11
0440x2K	6,4	1/4	4,3	0,170	1,0	0,040	140/9	60/4	2000	Spool	9.98	22
0440x500	6,4	1/4	4,3	0,170	1,0	0,040	140/9	60/4	500	Spool	2.72	6
0440x100	6,4	1/4	4,3	0,170	1,0	0,040	140/9	60/4	100	Coil	0.45	1
0462x2K	6,4	1/4	3,1	0,125	1,6	0,062	150/10	75/5	2000	Spool	13.61	30
0562x15C	7,9	5/16	7,9	0,188	1,6	0,062	150/10	75/5	1500	Spool	13.61	30
0662x1K	9,5	3/8	9,5	0,250	1,6	0,062	125/8	50/3	1000	Spool	11.34	25
0662x500	9,5	3/8	9,5	0,250	1,6	0,062	125/8	50/3	500	Spool	5.90	13
0662x100	9,5	3/8	9,5	0,250	1,6	0,062	125/8	50/3	100	Coil	1.36	3
0862x500	12,7	1/2	12,7	0,375	1,6	0,062	100/6.8	35/2	500	Spool	8.16	18
0862x100	12,7	1/2	12,7	0,375	1,6	0,062	100/6.8	35/2	100	Spool	1.63	3.6
1062x500	15,9	5/8	15,9	0,500	1,6	0,062	75/5	25/1.7	500	Coil	10.43	23
1062x100	15,9	5/8	15,9	0,500	1,6	0,062	75/5	25/1.7	100	Coil	2.18	4.8

FDA(03), RoHS(15)



220 Series

Linear Low Density Food Grade Polyethylene Tubing

Tuyau en Polyèthylene

Construction: Natural color; LLDPE resin; Lightweight
Use: Transfer of air & liquids in industrial applications;
Temperature: -45 °C + 60 °C (-50 °F + 140 °F)

Un Tuyau économique et léger résistant aux solvents. Sa **fabrication** en résine LLDPE procure une excellente résistance aux solvents.
Construction: Polyethylène blanc
Utilisations: Transfert d'air et de liquides allimenation, d'eau et équipement de ventilation.
Temperature: -45 °C + 60 °C (-50 °F + 140 °F)

Size Code X Length	mm	inch/Po	mm	inch/Po	mm	inch/Po	max. psi/bar @70 °F (20 °C)	@122 °F (50 °C)	Standard Length Spool/ Coil (ft)	Pkg.	Approx. Wt. /Pkg. (kg)	Approx. Wt. /Pkg. (lbs)
0440x2K	6,4	1/4	4,3	0,170	1,0	0,040	140/9	60/4	2000	Spool	9.98	22
0440x1K	6,4	1/4	3,1	0,170	1,0	0,040	140/9	60/4	1000	Spool	4.99	11
0662x2K	6,4	1/4	3,1	0,125	1,6	0,062	150/10	75/5	2000	Spool	13.61	30
0562x15C	7,9	5/16	4,8	0,188	1,6	0,062	150/10	75/5	1500	Spool	13.61	30
0662x500	9,5	3/8	6,4	0,250	1,6	0,062	125/8	50/3	500	Spool	5.90	13
0662x1K	9,5	3/8	6,4	0,250	1,6	0,062	125/8	50/3	1000	Spool	11.34	25
0862x500	12,7	1/2	9,5	0,375	1,6	0,062	100/7	35/2	500	Spool	8.16	18
1062x500	15,9	5/8	12,7	0,500	1,6	0,062	75/5	25/1.7	500	Coil	10.43	23

FDA(03), **RoHS**(15)

221 Series

Linear Low Density Industrial Grade Polyethylene Tubing

Tuyaux en Polyèthylene

Construction: LLDPE industrial grade colored tubing; Lightweight
Use: Transfer of air & liquids in industrial applications; Humidifier fill lines; For outdoor uses where exposure to sunlight occurs; A/C drain lines; Instrument air lines
Temperature: -45 °C + 60 °C (-50 °F + 140 °F)

Construction: Un Tuyau économique et léger résistant aux solvents. Sa fabrication en résine LLDPE procure une excellente résistance aux solvents. Polyethylène choix de couleur.
Utilisations: Transfert d'air et de liquides, allimenation, d'eau et équipement de ventilation.
Temperature: -45 °C + 60 °C (-50 °F + 140 °F)

Size Code	mm	inch/Po	mm	inch/Po	max. psi/bar @70 °F (20 °C)	@122 °F (50 °C)	Standard Length Reels/ Coils (ft)	Approx. Wt. /Pkg. (lbs) 100 ft	300 ft	500 ft
04	6,5	1/4	12,7	0,500	300/20	160/11	500/100	8		38
06	9,5	3/8	15,9	0,625	300/20	160/11	500/100	10		52
08	12,7	1/2	19,8	0,781	300/20	160/11	500/100	15		77
12	19,1	3/4	27,4	1,080	200/13	120/8	300/100	25	74	
16	25,4	1	34,5	1,360	200/13	120/8	300/100	35	104	

NB: Series K1231, K1234 and K1236 in 3/4" and 1" ID sizes are non stock items.
RoHS(15)

certified assembly

Hose Size	Fitting size	Unit Lengths & Price 25'	50'	100'
1/4" 300 psi	1/4" x 1/4 MxM"			
3/8" 300 psi	3/8" x 1/4 MxM"			
1/2" 300 psi	1/2" x 3/8 MxM"			

Note: Assembled with male machined brass NPT each end.
Accouplez avec embouts mâle NPT en laiton (chaque bout).

K1231(yellow), K1234(red), K1236(blue) Series

TUNDRA-AIR® Air & Water Hose Tuyau TUNDRA-AIR® à air et eau

Construction: High grade low temperature PVC compound
Use: Outdoor air & water hose for use in cold weather, where flexibility is required; In-plant applications that require very easy handling in tight workspaces; In-plant freezer applications requiring air or water service; Versitile, lightweight multi-function hose for air, water or mild chemical use.
Temperature: -40 °C + 65 °C (-40 °F + 150 °F)

Construction: PVC pour basse température de haute gamme
Application: tuyeau exterieure pour air et eau pour temps froids et flexibilité; applications interieure pour petits espaces, facile a manipuler; multiple usage, léger, pour air, eau et chimiques douces.
Température: -40 °C + 65 °C (-40 °F + 150 °F)

COMPRESSED AIR

ALFAGOMMA

Size Code	mm	inch/Po	mm	inch/Po	max. psi/bar @70 °F (20 °C)	@122 °F (50 °C)	Standard Lengths Reel ft	Coil ft	Approx. Wt. /Pkg. (lbs) Reel	Coil
04	6,5	1/4	12,7	0,500	300/20	180/12	500	100	44	8
05	8,0	5/16	15,9	0,625	300/20	180/12	500	100	67	13
06	9,5	3/8	15,9	0,625	300/20	180/12	500	100	58	11
08	12,7	1/2	12,7	0,813	300/20	180/12	500	100	93	18
10	15,9	5/8	15,9	0,906	250/17	120/12	300	100	64	19
12	19,0	3/4	19,0	1,125	250/17	100/6	300	100	96	30
16	25,4	1	25,4	1,406	250/17	100/6	300	100	130	41

RoHS(15)

certified assembly

K1136

Hose Size	Fitting size	Unit Lengths & Price 25'	50'	100'
1/4" 300 psi	1/4" x 1/4 MxM"			
3/8" 300 psi	3/8" x 1/4 MxM"			
1/2" 300 psi	1/2" x 3/8 MxM"			

Note: Assembled with male machined brass NPT each end.
Accouplez avec embouts mâle NPT en laiton (chaque bout).

GH50 CPLD

Hose Size	Fitting size	Unit Lengths & Price 25'	50'	100'
1/2" 300 psi	1/2" x 1/4 MxF"			

Note: Assembled with machined brass male x female garden hose fittings GHT.
Accouplez avec embouts mâle et femelle en laiton GHT.

K1131(yellow), K1134(red), K1136(blue), K1137(green), K1138(grey) Series

POLYAIR® Multi-Purpose Air & Water Hose

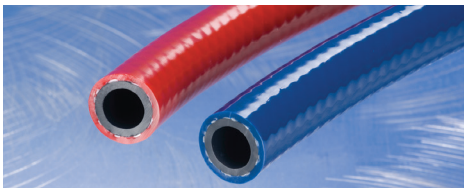
Tuyau multiple-usage POLYAIR® à air et eau

Construction: High quality flexible PVC compounds
Use: Outdoor applications requiring a low temperature hose; In-plant applications that require color coding of hose supply lines; Transfer of air, water and mild water-soluble chemicals; General air supply line for pneumatic tools & paint spray systems; Low pressure spray hose for water-soluble chemicals.
Temperature: -26 °C + 65 °C (-15 °F + 150 °F)

Construction: PVC pour basse température
Application: tuyau exterieure pour air et eau pour températures froides; applications interieure, multiple usage - air, eau et chimiques douces, résistant á l'uile restrainte, ligne pneumatique pour outiles et systèmes de peintures et huiles a basse préssion.
Température: -26 °C + 65 °C (-15 °F + 150 °F)

Size Code	mm	inch/Po	mm	inch/Po	max. psi*/bar @70 °F (20 °C)	@122 °F (50 °C)	Standard Length Reel ft.	Coil ft.	Approx. Wt. / Pkg. (kg) Reel	Coil	Approx. Wt. / Pkg. (lbs) Reel	Coil
04	6,4	1/4	12,7	0,500	300/20	150/10	500	100	19,96	3,63	44	8
05	7,9	5/16	15,9	0,625	300/20	150/10	500	100	30,84	5,90	68	13
06	9,5	3/8	15,9	0,625	300/20	150/10	500	100	5,90	4,99	56	11
08	12,7	1/2	19,1	0,750	300/20	150/10	500	100	6,35	6,35	77	14
10	15,9	5/8	22,6	0,895	200/13	100/6	300	100	27,22	8,16	60	18
12	19,1	3/4	26,2	1,030	200/13	75/5	300	100	32,66	9,98	72	22
16	25,4	1	33,3	1,313	150/10	75/5	300	100	47,63	14,06	105	31

NB: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.
* Series K1156 5/16" ID size is a non stock item.



K1154(red), K1156(blue) Series

General Purpose PVC Air & Water Hose

Tuyau PVC multiple-usage à air et eau

Tube: Black PVC Compound reinforced with high tensile strength yarn
Use: Transfer of air, water and mild water soluble chemicals; In-plant applications that require an economical all-purpose hose; Excellent air supply line for pneumatic tools and paint spray systems
Temperature: -10 °C + 65 °C (+14 °F + 150 °F)

Tube: Composé de PVC noir renforcé avec fils de résistance à haute résistance
Application: Transfert de l'air, l'eau et de l'eau douce des produits chimiques solubles;
Applications en usine qui nécessitent une solution de tuyeau économique tout usage; Excellent ligne d'alimentation d'air pour outils pneumatiques et de systèmes de peinture à pulvérisation
Temperature: -10 °C + 65 °C (-14 °F + 150 °F)

Size Code X Length	mm	inch/Po	mm	inch/Po	max. psi/bar @70 °F (20 °C)	@122 °F (50 °C)	Working Length (ft.)	Coil OD (In)	Standard Pkg.	Approx. Wt. per Pkg. (kg)	Approx. Wt. per Pkg. (lbs.)
04x10	6,5	1/4	9,5	0,375	125/8	75/5	8	2	10	2,27	5
04x15	6,5	1/4	9,5	0,375	125/8	75/5	12	2	10	2,95	6,5
04x20	6,5	1/4	9,5	0,375	125/8	75/5	16	2	10	3,86	8,5
04x25	6,5	1/4	9,5	0,375	125/8	75/5	20	2	10	4,54	10
04x30	6,5	1/4	9,5	0,375	125/8	75/5	24	2	10	5,44	12
04x50	6,5	1/4	9,5	0,375	125/8	75/5	40	2	1	0,91	2
06x10	9.5	3/8	14,5	0,570	125/8	75/5	8	3	5	2,27	5
06x15	9.5	3/8	14,5	0,570	125/8	75/5	12	3	5	3,18	7
06x20	9.5	3/8	14,5	0,570	125/8	75/5	16	3	5	4,08	9
06x25	9.5	3/8	14,5	0,570	125/8	75/5	20	3	5	4,99	11
06x30	9.5	3/8	14,5	0,570	125/8	75/5	24	3	5	5,44	12
06x50	9.5	3/8	14,5	0,570	125/8	75/5	40	3	1	1,81	4

Note: Not recommended for transfer of brake fluids.

US Series

Ether-Based Polyurethane Self-Store Coiled Tubing Assemblies for Air Tool Service

Tuyau rétractable en uréthane - ne s'entortille pas, pour service d'outils à air

Tube: Clear polyeurethane
Use: Standard assemblies have 4" pigtail & 20" whip end; Permanent crimped male swivel brass fittings provide greater strength & pull-out resistance; Rubber bend restrictors over fittings prevents scratches & scuffs; NOT recommended for transfer of break fluids.
Temperature: -44 °C + 80 °C (-40 °F + 175 °F)

Tube: Polyuréthane transparent
Application: Tuyau retractable-ne s'entortille pas. Raccords mâles pivotants aux extrémités.
Temperature: -44 °C + 80 °C (-40 °F + 175 °F)

Size Code X Length	mm	inch/Po	mm	inch/Po	max. psi @70 °F (20 °C)	@122 °F (50 °C)	Working Length (ft.)	Coil OD (In)	Standard Pkg.	Approx. Wt. per Pkg. (kg)	Approx. Wt. per Pkg. (lbs.)
04x12	6,5	1/4	9,5	0,375	125/8	75/5	8	2	10	2,27	5
04x15	6,5	1/4	9,5	0,375	125/8	75/5	12	2	10	2,95	6,5
04x20	6,5	1/4	9,5	0,375	125/8	75/5	16	2	10	3,86	8,5
04x25	6,5	1/4	9,5	0,375	125/8	75/5	20	2	10	4,54	10
04x30	6,5	1/4	9,5	0,375	125/8	75/5	24	2	10	5,44	12
04x50	6,5	1/4	9,5	0,375	125/8	75/5	40	2	1	0,91	2
06x12	9.5	3/8	14,5	0,570	125/8	75/5	8	3	5	2,27	5
06x15	9.5	3/8	14,5	0,570	125/8	75/5	12	3	5	3,18	7
06x20	9.5	3/8	14,5	0,570	125/8	75/5	16	3	5	4,08	9
06x25	9.5	3/8	14,5	0,570	125/8	75/5	20	3	5	4,99	11
06x30	9.5	3/8	14,5	0,570	125/8	75/5	24	3	5	5,44	12
06x50	9.5	3/8	14,5	0,570	125/8	75/5	40	3	1	1,81	4

NS/NSB Series

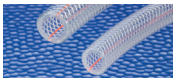
Nylon Self-Store Reinforced Hose Assembly

Tuyau renforcé et rétractable en nylon

Tube: Nylon
Use: Each length of assembled tubing or hose includes 4" pigtail & 20" whip end, assembled to 1/4" or optional 3/8" male NPT permanent crimped swivel brass fittings with rubber bend restrictors. Working length is 80% of nominal length shown. 5/16" & 1/2" ID size tubing is priced upon request. Check for availability.

Tube: Nylon
Application: Chaque longueur de tube assemblé ou de tuyau comprend un pigtail de 4" & un fin fouet de 20", assemblés à 1 / 4" ou option 3 / 8" NPT mâle raccords permanente avec sertie en laiton et avec rotule en caoutchouc pliez brides. Longueur de travail est de 80% de la valeur nominale de la longueur indiquée. 5 / 16" et 1 / 2". Le diamètre de tube ID est tarifé sur demande. Vérifiez la disponibilité.

WATER & LIQUIDS / EAU ET LIQUIDES


K3150/49200 CLEARBRAID® K3150 Series RF Standard Wall PVC Food & Beverage Hose 50


K3130 CLEARBRAID® K3130 Series BF Heavy Wall PVC Food & Beverage Hose..... 50


266GL/K Standard-duty PVC general purpose suction & transfer hose..... 51


268LL Pools-SPA water circulation..... 51


P286EE Water discharge (PVC) lay flat - standard duty 52


P288HH Water discharge - PVC - lay flat - heavy duty..... 52


253AA Water discharge 10 bar (150 PSI) - lay flat 53


202AA General Purpose S&D - 10 bar (150 psi) EPDM 53


222AA Arctic Multipurpose suction & delivery 10 bar (150psi) - EPDM..... 54


WST Series Kanaline SR: Heavy Duty Reinforced PVC Suction & Discharge Hose..... 54


248AE High pressure water delivery 100 bar (1500 psi) - snow maker - steel braided 55


L248A L248A SNOWSTORM PU-Coated snow hose in double-jacket construction 55


ND Nitrile discharge 56


ALFAFLEX Rubber Covered Multipurpose Hose 56


ALFAFLEX PU Polyurethane Covered Multipurpose Hose 57

AGRICULTURE


K4131 Agri-Spray Hose (600 psi) - PVC 58

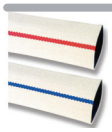

A1661 Spray Hose (600 psi) - PVC 58


A1687 800 PSI PVC/Polyurethane Blend Reinforced Spray Hose 59


266O Air seeder - PVC 59


702AA Air seeder 60

FIRE FIGHTING


SJMD Mill Discharge Hose 61


283AH Fire reel 12 bar (180 psi) - EN 694/A2 61


251AA Fire reel 40 bar (600 psi) - textile braided 62


210AA Fire engine water S&D 5 bar (75 psi) corrugated - soft ends, EN ISO 14557/A 62

WATER & LIQUIDS

ALFAGOMMA

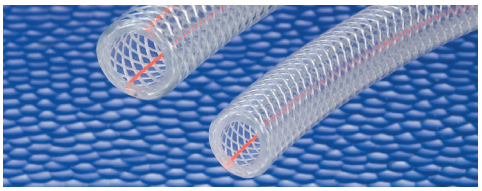
Size Code	mm	inch/Po	mm	inch/Po	max. psi/bar @70 °F (20 °C)	@122 °F (50 °C)	Standard Lengths Ft. Full Coil	Cut Length	Approx. Wt. /Pkg. (kg) Full Coil	Cut Length	Approx. Wt. /Pkg. (lbs) Full Coil	Cut Length
03	4,8	3/16	9,5	0,375	250/17	150/10	300	100	5,90	1,81	13	4
04	6,5	1/4	11,1	0,,438	250/17	150/10	300	100	7,71	2,72	17	6
05	7,9	5/16	13,5	0,531	250/17	135/9	300	100	10,89	3,63	24	8
06	9,5	3/8	15,1	0,594	225/15	125/8.6	300	100	12,25	4,08	27	9
08	12,7	1/2	19,1	0,750	200/13	100/6.8	300	100	18,14	5,90	40	13
10	15,9	5/8	22,6	0,891	200/13	100/6.8	200	100	15,88	8,16	35	18
12	19,1	3/4	26,2	1,031	150/10	85/5.8	200	100	19,50	9,98	43	22
16	25,4	1	33,0	1,300	125/8.6	75/5	200	100	26,76	13,61	59	30
20	31,8	1 1/4	41,1	1,620	100/6.8	55/3.7	100	50	20,41	10,43	45	23
24	38,1	1 1/2	49,2	1,938	100/6.8	50/3	100	50	29,03	14,51	64	32
32	50,8	2	63,2	1,490	75/5	35/2	100	50	42,64	21,32	94	47
MM04	4,0	0,157	0,354	9,0	250/17	150/10	-	100	-	1,81	-	4
MM06	6,0	0,236	0,433	11,0	250/17	150/10	-	100	-	2,72	-	6
MM08	8,0	0,315	0,531	13,5	250/17	135/9	-	100	-	3,63	-	8
MM10	10,0	0,394	0,630	16,0	225/15	125/8.6	-	100	-	4,54	-	10
MM12	12,0	0,472	0,709	18,0	200/13	100/6	-	100	-	5,44	-	12
MM19	19,0	0,748	1,024	26,0	150/10	85/5.8	-	100	-	8,53	-	21

3A(01), FDA(03), NSF(13), RoHS(15), UL(16), USDA(17), USP(18)

NSF CERTIFIED UNDER

2004/1935 EC
2006/2023 EC

PHOSPHATE FREE



K3150/49200

CLEARBRAID® K3150 Series RF Standard Wall PVC Food & Beverage Hose

Tuyau de produits alimentaires CLEARBRAID® K3150 Serie RF

Tube: Crystal clear non-toxic PVC compound; Lightweight
Use: Food & beverage dispensing; Deionized water; Liquid food products; Air & water lines; Powdered food products; Portable water transfer; Air breathing lines; Pneumatic lines; Packaging machines
Temperature: -4 °C + 65 °C (+25 °F + 150 °F)

Construction: Composé d'un polyvinyl transparent renforcé de cordes en nylon
Temperature: -4 °C + 65 °C (+25 °F + 150 °F)

Size Code	mm	inch/Po	mm	inch/Po	max. psi @70 °F (20 °C)	@122 °F (50 °C)	Standard Lengths Ft. Full Coil	Cut Length	Approx. Wt. /Pkg. (kg) Full Coil	Cut Length	Approx. Wt. /Pkg. (lbs) Full Coil	Cut Length
02	3,2	1/8	8,3	0,328	350/24	200/13	300	100	5,44	1,81	12	4
03	4,8	3/16	10,3	0,406	350/24	200/13	300	100	7,71	2,72	17	6
04	6,5	1/4	12,7	0,,500	350/24	200/13	300	100	10,89	3,63	24	8
05	7,9	5/16	14,3	0,563	275/18	160/11	300	100	12,70	4,08	28	9
06	9,5	3/8	15,9	0,625	275/18	145/9.9	300	100	14,51	4,99	32	11
08	12,7	1/2	20,7	0,813	250/17	130/9.8	300	100	23,59	7,71	52	17
10	15,9	5/8	25,4	1,000	220/15	120/8	200	100	23,59	11,79	52	26
12	19,1	3/4	28,6	1,125	200/13	120/8	200	100	27,22	13,61	60	30
16	25,4	1	34,9	1,375	150/10	85/5.8	200	100	34,47	17,24	76	38
20	31,8	1 1/4	44,5	1,750	125/8	75/5	100	50	29,03	14,51	64	32
24	38,1	1 1/2	50,8	2,000	100/6.8	65/4.4	100	50	34,02	17,24	75	38
32	50,8	2	63,5	2,500	75/5	55/3.7	100	50	43,54	21,77	96	48

3A(01), FDA(03), NSF(13), RoHS(15), UL(16), USDA(17), USP(18)

NSF CERTIFIED UNDER

2007/19/EC

K3130

CLEARBRAID® K3130 Series BF Heavy Wall PVC Food & Beverage Hose

Tuyau de produits alimentaires CLEARBRAID® K3130 Serie BF en PVC renforcé; approuvé par "FDA"

Tube: Crystal clear non-toxic PVC compound; Lightweight
Use: Food & beverage dispensing; Deionized water; Liquid food products; Air & water lines; Powdered food products; Portable water transfer; Air breathing lines; Pneumatic lines; Packaging machines
Temperature: -4 °C + 65 °C (+25 °F + 150 °F)

Construction: Composé d'un polyvinyl transparent renforcé de cordes en nylon
Temperature: -4 °C + 65 °C (+25 °F + 150 °F)

inch/Po	inch/Po	psi/bar	inch/Po	kg/m	lb(ft)/lb(pi)
3/4	1 5/16	115/7.9	3	.25	.17
1	1 3/8	100/6.8	4	.45	.30
1 1/4	1 9/16	90/6	4	.65	.44
1 1/2	1 13/16	85/5.8	6	.74	.50
2	2 3/8	85/5.8	6	1.06	.71
2 1/2	2 7/8	65/4.4	10	1.40	.94
3	3 7/8	55/3.7	11	1.70	1.14
4	4 1/2	50/3.4	18	2.86	1.92
5	5 1/2	40/2.8	28	3.59	2.41
6	6 5/8	30/2	48	4.88	3.28
8	8 7/8	25/1.7	60	8.44	5.67

certified assembly

Light & transparent/légère et transparent			
10 ft	15 ft	20 ft	25 ft
CAD $			

PHOSPHATE FREE

Note: Assembled with parts C and KC. Basket strainer sold separately.
Accouplez avec parties C et mamelon mâle plus 2-collets/Douilles
Tamis vendu apart.

266GL/Type K

Standard-duty PVC general purpose suction & transfer hose.

Aspiration d'eau et de transfert en PVC

Tube: PVC construction
Reinforcement: Smooth bore
Cover: Smooth on sizes 3/4" through 5" Clear with dark green helix
Use: Construction & minig supply lines; irrigation lines; Rock dusting; Wellpoint; Agri-foam; Miscellaneous agricultureal applications; Liquid fertilizer transfer
Temperature: -20 °C + 66°C (-4 °F +150 °F)

Tube: PVC construction
Renfort: Hélice de PVC
Enveloppe: PVC transparent
Temperature: -20 °C + 66°C (-4 °F +150 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
28	1 1/8	32	1,26	90 /6	168	6,75	90	0,250	0,170
32	1 1/4	40	1,57	90/6	192	7,50	90	0,540	0,360
42	1 5/8	50	1,97	90/6	252	10,00	90	0,780	0,520
55	2 1/6	63	2,48	75/5	330	13,00	90	0,840	0,560

PHOSPHATE FREE

268LL

Pools-SPA water circulation

Piscine-SPA circulation d'air

Construction: White PVC - abrasion and ozone resistant
Reinforcement: White shock resistant rigid PVC
Use: Water circulation systems for pools and SPA.
Hose outside diameters made to fit rigid PVC pipe fittings
Safety factor: 3:1
Temperature: -5 °C +60 °C (+23 °F +140 °F)

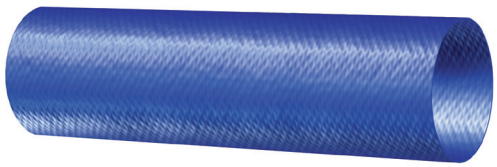
Construction: PVC blanc, resistant a l'abrasion et a l'ozone
Armature: PVC blanc rigid; résistant aux chocs
Application: Pour systèmes de circulation d'eau pour les piscines et SPA. Le diamètre des tuyaux à l'extérieur faites pour adapter raccords de tuyauterie en PVC rigide.
Normes de sécurité: 3:1
Température: -5 °C +60 °C (+23 °F +140 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1			100/6.8				0,190	0,128
38	1 1/2			75/5				0,300	0,200
51	2			75/5				0,410	0,275
63	2 1/2			60/4				0,560	0,380
76	3			60/4				0,680	0,460
102	4			60/4				1,000	0,670
152	6			45/3				1,650	1,110
203	8			45/3				1,930	1,300
254	10			30/2				2,690	1,810
302	12			30/2				2,900	1,950
355	14			30/2				3,899	2,620
406	16			30/2				4,613	3,100

certified assembly

Blue PVC / PVC bleu				
	25 ft	50 ft	100 ft	Bulk/300 ft
1-1/2"				
2"				
3"				
4"				
6"				
CAD $				

Note: Assembled with parts C and E aluminum and 2-band clamps.
Accouplez avec parties C et E aluminium plus 2-collets.



P286EE

Water discharge (PVC) lay flat - standard duty

Transport d'eau S'enroulant a plat - PVC - service standard

Tube: Blue PVC
Reinforcement: High tensile textile cords
Cover: Blue PVC - abrasion and ozone resistant
Use: Lay flat water discharge
Safety factor: 3:1
Temperature: -10 °C +85 °C (+14 °F +185 °F)

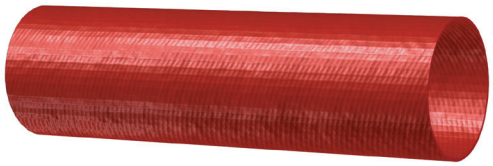
Tube: PVC bleu
Armature: nappes textiles haute tenacité
Revetement: PVC bleu - résistant a l'abrasion et a l'ozone
Application: s'enroulant a plat pour transport d'eau et applications industrielles diverses.
Normes de sécurité: 3:1
Température: -10 °C +85 °C (+14 °F +185 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
38	1 1/2			150/10				0,372	0,250
51	2			150/10				0,476	0,320
63	2 1/2			150/10				0,535	0,360
76	3			150/10				0,595	0,400
102	4			125/8.6				0,893	0,600
152	6			115/7.9				1,220	0,820
203	8			70/4.8				2,322	1,560

certified assembly

Long lasting / longue durée			
25 ft	50 ft	100 ft	Bulk/300 ft
CDN$			

Note: Assembled with parts C and E aluminum and 2-band clamps.
Accouplez avec parties C et E aluminium plus 2-collets.



P288HH

Water discharge - PVC - lay flat - heavy duty

Transport d'eau s'enroulant a plat - PVC - service severe

Tube: PVC rouge
Reinforcement: High tensile textile cords
Cover: Red PVC - abrasion and ozone resistant
Use: Lay flat water discharge
Safety factor: 3:1
Temperature: -10 °C +85 °C (+14 °F +185 °F)

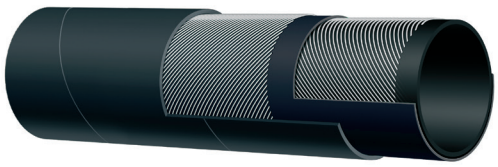
Tube: Red PVC
Armature: nappes textiles haute tenacité
Revetement: PVC rouge - résistant a l'abrasion et a l'ozone
Application: refoulement d'eau s'enroulant a plat concu pour longue duré en service severe.
Normes de sécurité: 3:1
Température: -10 °C +85 °C (+14 °F +185 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
32	1 1/4	40	1,57	150/10				0,460	0,310
38	1 1/2	46	1,81	150/10				0,540	0,360
51	2	59	2,32	150/10				0,730	0,490
63	2 1/2	71	2,80	150/10				0,890	0,600
76	3	84	3,31	150/10				1,280	0,860
90	3 1/2	98	3,86	150/10				1,490	1,000
102	4	110	4,33	150/10				1,770	1,190
127	5	137	5,39	150/10				2,400	1,610
152	6	162	6,38	150/10				2,970	2,000
203	8	215	8,46	150/10				4,290	2,880
254	10	270	10,63	150/10				7,620	5,120
305	12	319	12,56	150/10				7,950	5,340

certified assembly

Size	super heavy duty/150 psi service sévère		
	25 ft	50 ft	100 ft
1 1/2			
2			
3			
4			
6			
	CAD$		

Note: Assembled with parts C and E aluminum and 2-band clamps.
Accouplez avec parties C et E aluminium plus 2-collets.



253AA

EPDM discharge 10 bar (150 psi) - lay flat

EPDM renvoie 10 bar (150 psi) - plat

Tube: Black EPDM
Reinforcement: High tensile textile cords
Cover: Black EPDM - abrasion and ozone resistant
Use: Lay flat water discharge
Safety factor: 3:1 >= 203 mm 2:1
Temperature: -40 °C +100 °C (-40 °F +212 °F)

ALSO AVAILABLE IN CRIMP FERRULES
NB: Super Heavy Duty Dewatering Applications

Tube: EPDM noir
Armature: nappes textiles haute tenacité
Revetement: EPDM noir - résistant a l'abrasion et a l'ozone
Application: s'enroulant a plat pour transport d'eau
Normes de sécurité: 3:1 >= 203 mm 2:1
Température: -40 °C +100 °C (-40 °F +212 °F)

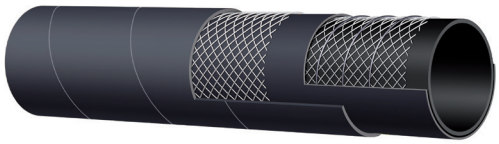
SERTISAGE DISPONIBLE
NB: Super Service Sévère pour Applications d'Assèchement

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	29	1.14	150/10	76	3.00	100	0.550	0.370
25	1	35	1.38	150/10	100	4.00	100	0.680	0.460
32	1 1/4	42	1.65	150/10	128	5.00	100	0.810	0.540
38	1 1/2	48	1.89	150/10	152	6.00	100	0.930	0.630
51	2	61	2.40	150/10	204	8.00	100	1.220	0.820
60	2 3/8	72	2.83	150/10	240	9.50	100	1.750	1.180
63	2 1/2	75	2.95	150/10	252	10.00	90	1.760	1.180
76	3	88	3.46	150/10	304	12.00	90	2.100	1.410
90	3 1/2	102	4.02	150/10	360	14.00	90	2.640	1.770
102	4	114	4.49	150/10	408	16.00	90	2.950	1.980
127	5	141	5.55	150/10	635	25.00	80	4.670	3.140
152	6	166	6.54	150/10	760	30.00	80	5.840	3.920

certified assembly

Size	Super Flex & Abraision Resistant/ Super Flex Abraison			
	10 ft	15 ft	20 ft	25 ft
1 1/2				
2				
3				
4				
	CDN$			

Note: Assembled with parts C and combination nipple and 2-band clamps/Sleeves
Accouplez avec parties C et mamelon mâle plus 2-collets/Douilles



202AA

General Purpose S&D - 10 bar (150 psi) EPDM

EPDM usage général S&D - 10 bar (150 psi)

Tube: Black EPDM
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black EPDM - abrasion and ozone resistant
Use: Mild chemical and fertilizers suction and delivery in general industrial and agricultural applications.
Safety factor: <= 127 mm 3:1 >=152 mm 2.5:1
Temperature: -40 °C +100 °C (-40 °F +212 °F)

ALSO AVAILABLE IN CRIMP FERRULE

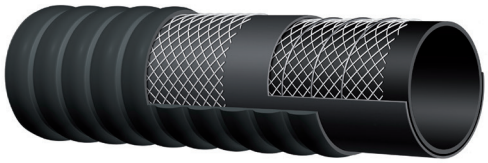
Tube: EPDM noir
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: EPDM noir - résistant à l'abrasion et à l'ozone
Application: Aspiration et refoulement de chimiques douces et angres, pour application general dans les industries et agricoles.
Norme de sécurité: <= 127 mm 3:1 >=152 mm 2.5:1
Température -40 °C +100 °C (-40 °F +212 °F)

SERTISSAGE DISPONIBLE

WATER & LIQUIDS

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)	Stock Length Ft
152	6	167	7.5	150	608	24.0	100	6.650	4.470	100
203	8	234	9.25	150	812	32.00	100	8.850	5.950	20
254	10	285	11.25	150	1016	40.00	100	12.530	8.425	20
305	12	343	13.5	150	1200	48.00	100	17.380	11.685	20



222AA Arctic

Multipurpose suction & delivery 10 bar (150psi) - EPDM

Aspiration multi-usage et refoulement 10 bar (150psi) - EPDM

Tube: Black EPDM
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black FPDM - abrasion and ozone resistant
Use: Multipurpose suction and delivery. Specially designed for full vacuum dewatering applications.
Temperature: -58 °C +100 °C (-58 °F +212 °F)

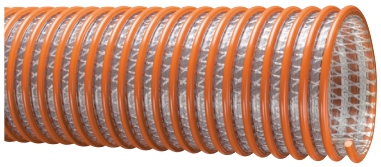
NB: **10', 20', 100' Available**
10', 20' Available with 8" soft cuffs each end

Tube: Elastomère EPDM
Armature: Nappes textiles avec spirale acier noyee
Revêtement: Elastomere synthetique noir - resistant a l'abrasion et a l'ozone
Application: Aspiration et refoulement- muli-usages. Spécialement conçus pour les applications de déshydratation sous vide complet.
Température: -58 °C +100 °C (-58 °F +212 °F)

NB: **10', 20', 100' Disponible**
10', 20' Embout lise 8" chaque bout disponible

mm	inch/Po	mm	inch/Po	psi/bar 68°F	psi/bar 104°F	mm	inch/Po	hg 68°F	hg 104°F	Stand.Length(ft)	kg/m	lb(ft)/lb(pi)
TDB	1 1/2	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	100	TBD	TBD
TDB	2	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	100	TBD	TBD
76.2	3	92.0	3.62	70/4.83	35/2.41	152	6,00	FULL	28	100/20	1.68	1.13
101.6	4	121	4.76	65/4.48	32/2.21	203	8,00	FULL	28	100/20	2.59	1.74
127.0	5	151.9	5.98	50/3.45	25/1.72	280	11,00	28	25	100/20	4.39	2.95
152.4	6	182.1	7.17	50/3.45	25/1.72	330	13,00	28	25	100/20	5.77	3.88
203.5	8	234	9.21	40/2.76	25/1.72	457	18,00	26	20	20/15	8.29	5.57

RoHS(10)



WST Series - Kanaline SR

Heavy Duty Reinforced PVC Suction & Discharge Hose

Service Severe PVC renforcé d'aspiration et de refoulement.

Construction: Orange PVC - abrasion and ozone resistant
Reinforcement: Textile
Use: Water circulation systems for pools and SPA. Hose outside diameters made to fit rigid PVC pipe fittings
Safety factor: 3:1
Temperature: -20 °C +65 °C (-4 °F +150 °F)

Construction: PVC orange, resistant a l'abrasion et a l'ozone
Armature: Textile
Application: Pour systèmes de circulation d'eau pour les piscines et SPA. Le diamètre des tuyaux à l'extérieur faites pour adapter raccords de tuyauterie en PVC rigide.
Normes de sécurité: 3:1
Température: -20 °C +65 °C (-4 °F +150 °F)

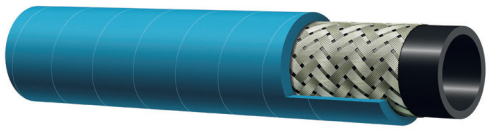
NEW

certified assembly

Size	Super Flex & Abraision Resistant/ Super Flex Abraison			
	10 ft	15 ft	20 ft	25 ft
1 1/2				
2				
3				
4				
	CDN$			

Note: Assembled with parts C and combination nipple and 2-band clamps/Sleeves
Accouplez avec parties C et mamelon mâle plus 2-collets/Douilles

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1	36	1,42	1500/100	125	5,00		0,930	0,630
38	1 1/2	50	1,97	1500/100	190	7,50		1,640	1,100



248AE

High pressure water delivery 100 bar (1500 psi) snow maker - steel braided

Distrbution d'eau a haute pression 100 bar (1500 psi) neige artificielle - Spirale en acier

Tube: Black SBR
Reinforcement: High tensile steel wire braids
Cover: Blue hypalon - abrasion and ozone resistant
Use: High pressure water delivery.
Specially designed for artificial snow makers.
Designed for use of EN 853 1SN fittings
Safety factor: 2:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: SBR noir
Armature: Spirale en acier
Couvert: Hypalon bleu - résistant a l'abrasion et a l'ozone
Application: Equipement á neige artificielle
Facteur de sécurité: 2:1
Température: -30 °C +80 °C (-22 °F +176 °F)

CODE	mm	inch/Po	psi / bar	WALL THICKNESS mm / inch (Po)	TENSILE STRENGTH kg	BURSTING PRESSURE psi / bar	RADIUS OF CURVATURE m	kg/m lb/ft
L248AI150	38	1 1/2	850 / 60	4.0 / 0.16		150 2,200		0.5 0.0312
L248AI200	52	2	850 / 60	4.0 / 0.16		150 2,200		0.7 0.0436
L248AI250	65	2 1/2	850 / 60	4.0 / 0.16		150 2,200		0.95 0.0593

L248AI SNOWSTORM

PU- coated snow hose in double jacket construction

Tuyau neige recouvert d'une double enveloppe

Tube: Very abrasive resistant polyurethane; orange
Reinforcement: High tenacity polyester yarn, circular woven in twill weave; integral woven double jacket construction, high pressure design, lightweight and flexible
Cover: very abrasive resistant polyurethane in signal colour; maximum protection against mechanical damage; maintains good grip in the snow, dirt and water repellent
Use: Snow-making hose, high pressure, heavy duty fire and industrial hose.
Safety factor: 3:1
Temperature: -40 °C +100 °C (-4 °F +212 °F)

Tube: anti abrasif, polyuréthane résistant; orange
Armature: fils à haute ténacité de polyester, tissée circulaire-sergé; veste tissée double, concu pour haute pression; légère et flexible
Revetement: anti abrasif polyuréthane, orange; une protection maximale contre les dommages mécaniques; maintient une bonne adhérence dans la neige, la saleté et hydrofuge
Application: production de Neige, haute pression,service sévère pour tuyaux industriels et de feu.
Normes de sécurité: 3:1
Température: -40 °C +100 °C (-4 °F +212 °F)

WATER & LIQUIDS

ALFAGOMMA

CODE	mm	inch/Po	psi	WALL THICKNESS mm	TENSILE STRENGTH kg	RADIUS OF CURVATURE m	kg/m	lb(ft)/lb(pi)
ND150	38	1 1/2	150	2	900	0.700	0.31	0.194
ND200	52	2	150	2	1.300	1.100	0.45	0.281
ND250	65	2 1/2	150	2	1.400	1.300	0.62	0.387
ND300	76	3	150	2.5	1.800	1.450	0.68	0.425
ND400	102	4	150	2.5	2.400	1.700	1.00	0.67
ND600	152	6	150	3	5.000	2.250	1.70	1.14
ND800	204	8	150	3	6.600	3.000	2.40	1.61
ND1000	254	10	100	3.5	8.800	3.300	2.90	1.95
ND1200	306	12	100	4	10.200	3.600	3.25	2.18

certified assembly

super heavy duty/150 psi service sévère		
25 ft	**50 ft**	**100 ft**
CAD$		

Note: Assembled with parts C and E aluminum and 2-band clamps.
Accouplez avec parties C et E aluminium plus 2-collets.

Note: Assembled with Rocker Lug male X female. Aluminum or brass
Accouplez avec embouts Rocker Lug NPSH mâle X femelle. Aluminium ou laiton

ND

Nitrile discharge

Décharge Nitrile

Tube: Black conductive NBR
Reinforcement: High tensile textile cords - antistatic wire
Cover: Black NBR/PVC - abrasion, ozone and hydrocarbon resistant
Use: General purpose fuel and oil delivery
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité - cordelette antistatique
Revetement: mélange NBR/PVC noir - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: refoulement d'hydrocarbures (50% d'aromatiques maxi).
Normes de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

CODE	mm	inch/Po	psi / bar	BURSTING PRESSURE psi / bar	WALL THICKNESS mm / inch (Po)	TENSILE STRENGTH kg	lb	kg/m	lb/ft
ALFAFLEX75	20	3/4	365 / 25	1,000 / 75	2.0 / 0.08	1,000 /	2,200	0.18	0.11
ALFAFLEX100	26	1	365 / 25	1,000 / 75	2.0 / 0.08	1,200 /	2,600	0.20	0.12
ALFAFLEX125	32	1 1/4	300 / 20	900 / 60	2.0 / 0.08	1,600 /	3,500	0.23	0.14
ALFAFLEX35	35	1 3/8	250 / 16	750 / 50	2.0 / 0.08	1,600 /	3,500	0.25	0.16
ALFAFLEX150	38	1 1/2	250 / 16	750 / 50	2.0 / 0.08	1,700 /	3,700	0.28	0.17
ALFAFLEX175	45	1 3/4	250 / 16	750 / 50	2.2 / 0.09	3,000 /	6,600	0.32	0.19
ALFAFLEX200	52	2	250 / 16	750 / 50	2.2 / 0.09	3,700 /	8,100	0.40	0.25
ALFAFLEX55	55	2 1/6	250 / 16	750 / 50	2.2 / 0.09	3,800 /	8,300	0.44	0.27
ALFAFLEX60	60	2 1/3	250 / 16	750 / 50	2.2 / 0.09	4,100 /	9,000	0.47	0.29
ALFAFLEX250	65	2 1/2	250 / 16	750 / 50	2.2 / 0.09	4,300 /	9,400	0.51	0.32
ALFAFLEX275	70	2 3/4	250 / 16	750 / 50	2.3 / 0.09	6,300 /	13,800	0.55	0.34
ALFAFLEX300	76	3	250 / 16	750 / 50	2.5 / 0.10	6,500 /	14,300	0.63	0.39
ALFAFLEX80	80	3 1/5	250 / 16	750 / 50	2.5 / 0.10	7,500 /	16,500	0.75	0.47
ALFAFLEX350	90	3 1/2	250 / 16	750 / 50	2.8 / 0.10	8,500 /	18,700	0.90	0.56
ALFAFLEX400	102	4	250 / 16	750 / 50	2.8 / 0.10	9,500 /	20,900	1.00	0.67
ALFAFLEX110	110	4 1/3	250 / 16	750 / 50	3.0 / 0.12	10,500 /	23,100	1.07	0.67
ALFAFLEX120	120	4 2/3	225 / 15	675 / 45	3.0 / 0.12	11,000 /	24,200	1.30	0.81
ALFAFLEX500	127	5	225 / 15	675 / 45	3.0 / 0.12	12,000 /	26,400	1.40	0.87
ALFAFLEX600	152	6	200 / 14	675 / 45	3.0 / 0.12	14,000 /	30,800	1.70	1.14
ALFAFLEX800	203	8	200 / 14	600 / 42	3.3 / 0.13	18,000 /	39,700	2.40	1.61
ALFAFLEX1000	254	10	150 / 10	450 / 30	3.5 / 0.14	26,700 /	58,850	2.90	1.95

ALFAFLEX

Rubber Covered Multipurpose Hose

Tuyau agricole polyvalent

Tube: Black NBR/PVC
Reinforcement: High tensile strength
Cover: special high grade formulated NBR/PVC compound extruded "through the weave" in a unique one step production process
Use: construction sites and industry, agriculture and mining, water transfer and compressed air, irrigation supply & draining, lightweight sludge supply, cable cover and protection
Safety factor: 3:1
Temperature: -20 °C +100 °C (-4 °F +212 °F)

Tube: NBR/PVC noir
Armature: textiles haute tenacité
Revetement: mélange NBR/PVC de haute qualité, extrudée à travers le tissage
Application: chantiers de construction et d'industries, l'agriculture et l'exploitation mines, transeres d'eau et d'air comprimé, irrigation et drainage, l'approvisionnement de boues léger, câble et protection
Normes de sécurité: 3:1
Température: -20 °C +100 °C (-4 °F +212 °F)

CODE	mm	inch/Po	psi / bar	BURSTING PRESSURE psi / bar	WALL THICKNESS mm / inch (Po)	TENSILE STRENGTH kg	lbs	kg/m	lb/ft
ALFAFLEXPU200	52	2	250 / 16	750 / 50	2.6 / 0.10	5,000	11,000	0.50	0.31
ALFAFLEXPU250	65	2 1/2	250 / 16	750 / 50	2.6 / 0.10	6,500	14,300	0.65	0.41
ALFAFLEXPU300	76	3	250 / 16	750 / 50	2.8 / 0.11	8,000	17,600	0.75	0.47
ALFAFLEXPU350	90	3 1/2	200 / 14	600 / 42	22.8 / 0.11	9,000	19,800	0.95	0.59
ALFAFLEXPU400	102	4	200 / 14	600 / 42	3.0 / 0.12	10,000	22,000	1.15	0.72
ALFAFLEXPU500	127	5	175 / 12	525 / 36	3.0 / 0.12	12,000	26,400	1.14	0.87
ALFAFLEXPU600	152	6	175 / 12	525 / 36	3.0 / 0.12	15,000	33,000	1.65	1.10
ALFAFLEXPU800	203	8	130 / 9	390 /27	3.0 / 0.12	18,500	40,700	2.20	1.37
ALFAFLEXPU1000	254	10	100 / 7	300 /21	3.2 / 0.13	23,500	51,800	2.85	1.78
ALFAFLEXPU1200	305	12	70 / 5	210 / 15	3.2 / 0.13	38,000	83,700	3.50	2.19
ALFAFLEXPU1400	356	14	60 / 4	180 /	4.3 / 0.17	42,000	92,600	5.60	3.49

ALFAFLEX PU

Polyurethane Multipurpose Hose

Tuyau polyvalent en polyuréthane

Tube: Black thermoplastic polyether polyurethane
Reinforcement: High tenacity polyester yarn, circular woven
Cover: thermoplastic polyether polyurethane extruded "through the weave" in a unique one step production process; superior abrasion resistance 4-5 times better than NBR/PVC hoses
Use: construction sites, waste water industry, agriculture and mining, transport of abrasive materials, flexible pipeline even in extreme terrain, irrigation and sludge disposal, for heavy duty service under toughest conditions
Safety factor: 3:1
Temperature: -50 °C +75 °C (-58 °F +167 °F)

Tube: polyuréthane thermoplastique polyéther noir
Armature: Fils de polyester à haute ténacité, tissée circulaire
Revetement: polyuréthanne polyéther thermoplastique extrudé à travers le tissage, concu dans un processus unique d'une étape de production; résistance à l'abrasion supérieure 4-5 fois mieux que NBR / PVC flexibles
Application: les chantiers de construction, de l'industrie des eaux usées, de l'agriculture et l'exploitation minière, le transport de matériaux abrasifs, de conduites flexibles même dans l'élimination du terrain, l'irrigation et les boues extrême, pour service sévère dans des conditions difficiles
Normes de sécurité: 3:1
Température: -50 °C +75 °C (-58 °F +167 °F)

AGRICULTURE

mm	inch/Po	mm	inch/Po	psi/bar @ +70 °F (+20 °C)	Length Ft.	Lbs
9.5	3/8	19.5	0,625	600 /41	300/400	35/46
12.7	1/2	20	0,790	600 /41	300/400	54/72

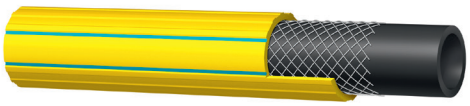
K4131 (yellow); K4132 (orange); K4137 (gray)

Agri-Spray Hose (600 psi) - PVC
Pulvérisant (600 psi) - PVC

Tube: PVC
Reinforcement: High tensile strength yarn, one-pass spiral construction
Cover: Ribbed PVC; yellow, orange or green
Use: Lawn & ornamental spray applications using wettable powder chemicals. (not recommended for high pressure tree spray).
Safety factor: <=10 mm and 25 mm 2,5:1 >10 mm 3:1
Temperature: -5 °C +65 °C (+25 °F +150 °F)

Tube: PVC
Renforcement: Fil de grande résistance à la traction, construit avec une traverse de spiral
Couvert: Pvc ondulé; jaune, ornge ou vert
Application: Arroser pelouses et jardins et lèutilisation de poudre trempé chimique (non-recommendé pour application haute-pression, tel que arbre et verger)
T**empérature:** -5 °C +65°C (+25 °F +150 °F)

mm	inch/Po	mm	inch/Po	psi/bar @ +70 °F (+20 C)	Length Ft.	Lbs
9.5	3/8	16.5	0,650	600/41	300/400	41/54
12.7	1/2	20.1	0,770	600/41	300/400	57/76
15.9	5/8	26.2	1,030	600/41	300	96
19.1	3/4	29.7	1,060	600/41	300	126



A1661

Spray Hose 40 bar (600 psi) - PVC
Tuyau pulvérisant 40 bar (600 psi) - PVC

Tube: Black PVC & Polyurethane blend
Reinforcement: High tensile strength yarn
Cover: Ribbed PVC; yellow
Use: Grass spraying of fertilizers and pesticides
Temperature: -10 °C +65 °C (+15 °F +150 °F)

Tube: PVC noir & Mélange de polyurethane
Renforcement: Fil de grande résistance à la traction
Couvert: PVC ondulé; jaune
Application: entretien chimique de pelouses et control de pesticides.
Température: -10 °C +65 °C (+15 °F +150 °F)

inch/Po	inch/Po	psi/bar @ +70 °F (+20°C)	Length Ft.	lbs
3/8	0.650	800/55	300/400	41/54
1/2	0.790	800/55	300/400	68/90
5/8	1.030	800/55	300	96
3/4	1.170	800/55	300	126

A1687 Series

800 PSI (55 bar) PVC/Polyurethane Blend Reinforced Spray Hose

Tuyau pulvérisant 800 PSI (55 bar) PVC/ Mélange de Polyurethane Renforcé

Tube: Black PVC/polyurethane blend
Cover: Ribbed PVC; green
Use: Tree and orchard spraying; Agricultural spraying; Commercial weed spraying
Temperature: -10 °C +70 °C (+15 °F +160 °F)

Tube: PVC noir & Mélange de polyurethane
Renforcement: Fil de grande résistance à la traction
Couvert: PVC ondulé; vert
Application: entretien chimique de pelouses et control de pesticides.
Température: -10 °C +70 °C (+15 °F +160 °F)

mm	inch/Po	mm	inch/Po	psi	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1			120/8	113	4,50	70	0,290	0,195
32	1 1/4			100/6.8	144	5,75	70	0,390	0,260
38	1 1/2			90/6	171	6,75	70	0,510	0,340
45	1 3/4			90/6	203	8,00	70	0,670	0,450
51	2			75/5	230	9,00	70	0,760	0,510
63	2 1/2			75/5	284	11,25	70	1,180	0,790
76	3			75/5	342	13,50	70	1,510	1,010

PHOSPHATE FREE

2660A

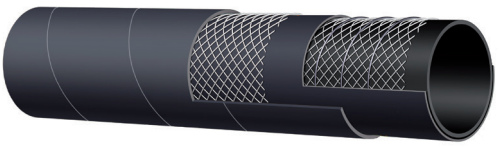
Air seeder - PVC

Semoir à Air - PVC

Construction: Transparent PVC - abrasion and ozone resistant
Reinforcement: Black shock resistant rigid PVC
Use: Agricultural seed transfer in “Air-Flo” seeding equipments
Safety factor: 3:1
Temperature: -5 °C +60 °C (+23 °F +140 °F)

Tube: PVC transparent - résistant a l’abrasion et a l’ozone
Armature: PVC rigide noir - résistant aux chocs
Application: transfert de grains type “air-flo” sur semoirs agricoles.
Norme de sécurité: 3:1
Température: -5 °C +60 °C (+23 °F +140 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
32	1 1/4	42	1,65	150/10	128	5,00	100	0,740	0,500
38	1 1/2	48	1,89	150/10	152	6,00	100	1,000	0,670
45	1 3/4	55	2,17	150/10	180	7,00	100	1,160	0,780
51	2	61	2,40	150/10	204	8,00	100	1,300	0,870
63	2 1/2	75	2,95	150/10	252	10,00	90	2,020	1,360
76	3	88	3,46	150/10	304	12,00	90	2,410	1,620



702AA

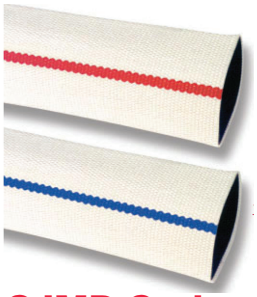
Air seeder 10 bar (150 psi)

Semoir à Air 10 bar (150 psi)

Tube: Black conductive NR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black NBR/PVC - oil, heat, abrasion and ozone resistant
Use: Agricultural seed transfer in “Air-Flo” seeding equipments
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - resistant a l’abrasion
Armature: nappes textiles haute tenacite avec spirales acier noyées
Revetement: mélange nbr/pvc noir - résistant a l’huile, a la chaleur, a l’abrasion et a l’ozone
Application: transfert de graines type “air-flo” sur semoirs agricoles.
Norme de sécurité: 3:1
Température -30°c +80°c (-22°f +176°f)

ITEM #	SIZE				COUPLING BOWL SIZE	STD. LENGTH IN CARTON (ft).	
	mm	inch/Po	mm	inch/Po	psi/bar	inch/Po	LBS/100'
SJMD-150	38.1	1.5	40	1.57	150 /10	1 11/16	50, 75, 100	14
SJMD-200	50.8	2	53	2.09	150/10	2 1/4	50, 75, 100	20
SJMD-250	63.5	2.5	66	2.60	150/10	2 3/4	50, 75, 100	26
SJMD-300	76.2	3	79	3.11	150/10	3 1/4	50, 75, 100	32
SJMD-400	101.6	4	103	4.06	150/10	4 9/32	50, 75, 100	50



SJMD Series

Mill Discharge Hose

Tuyau de refoulement - Moulin

- Single or double jacket versions with smooth natural rubber tubes and all synthetic yarn.
- These hoses have a water and mildew resistant cover which will not rot even if the hose is stored wet.
- Not intended for use as a fire hose.
- Applications include: Pump water discharge, Construction pumps, Wash down service, Plant clean-up

- Versions simple ou double avec tubes lissess en caoutchouc naturel en fils synthétiques.
- Ces tuyaux ont un revêtement résistants a l' eau et la moisissure et ne pourrisses pas, même si le tuyau est stocké humide.
- Non destiné à être utilisé comme un tuyau d'incendie.
- Les applications comprennent: la décharge de pompe à eau, pompes de construction, service de lavage, usine de dépollution

certified assembly

Long lasting / longue durée		
50 ft	**100 ft**	**Bulk/300 ft**
CDN$		

Note: Assembled with Rocker Lug male X female. Aluminum or brass
Accouplez avec embouts Rocker Lug NPSH mâle X femelle. Aluminium ou laiton

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1	34	1,34	180/12	200	8,00		0,575	0,390

283AH

Fire reel 12 bar (180 psi) EN 694/A2

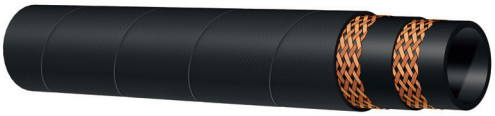
Bobine de feu 12 bar (180 psi) EN 694/A2

Tube: Black synthetic elastomer
Reinforcement: High tensile textile cords
Cover: Red synthetic elastomer - abrasion and ozone resistant
Use: Fire reels
Safety factor: 4:1
Temperature: -20 °C +60 °C (-4 °F +140 °F)

Tube: Elastomere noir
Armature: Nappes textiles
Revetement: Elastomer rouge - résistant à l'abrasion et à l'ozone
Application: Bobine de feu
Norme de sécurité: 4:1
Température: -20 °C +60 °C (-4 °F +140 °F)

LUTTE CONTRE LE FEU

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
25	1	36	1,42	600/40	125	5,00		0,690	0,460



251AA

Fire reel 40 bar (600 psi) - textile braided
NF EN 1947/C/1/II
Bobine de feu 40 bar (600 psi) - nappe textile NF EN 1947/C/1/II

Tube: Black SBR
Reinforcement: High tensile textile braids
Cover: Black SBR - abrasion and ozone resistant
Use: Hose reels on fire fighting vehicles
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: SBR noir
Armature: Nappes textiles haute tenacité
Revetement: SBR noir - résistant à l'abrasion et à l'ozone
Application: Concu pour camion de pompier
Norme de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
50	2			75/5	125	5,00	100	1,620	1,090
75	3			75/5	190	7,50	100	2,270	1,530
100	4			75/5	250	10,00	100	2,970	2,000
110	4 5/16			75/5	275	11,00	100	3,240	2,180
125	5			75/5	315	12,50	100	4,550	3,060

210AA

Fire engine water S&D 5 bar (75 psi) corrugated - soft ends
EN ISO 14557/A

Tube: Black SBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black SBR - abrasion and ozone resistant
Use: Water suction and delivery on fire fighting vehicles. Special light weight and flexible construction
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: SBR noir
Armature: Nappes textiles haute tenacité
Revetement: SBR noir - résistant à l'abrasion et à l'ozone
Application: Concu pour camion de pompier, léger et flexible
Norme de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

HOT WATER & STEAM / EAU CHAUDE ET VAPEUR


351LG Hot water wash down 10 bar (150 psi) - built in nozzle 64


357AG Super duty hot water washdown (400psi) Super Duty - no nozzle 64


350LL/LE Steam 7 bar (100 psi)-hot water 15 bar (225 psi) - exceeds BS 5122/A2 FDA 65


352AA Radiator 5 bar (75 psi) exceeds DIN 73411 65


340AH Steam 18 bar (270 psi) - steel braided 66


344AH Steam 18 bar (270 psi) - steel braided - EN ISO 6134/2A 66


341AH Steam 18 bar (270 psi) - CIIR steel braided 67


345AH Steam 18 bar (270 psi) - steel braided - EN ISO 6134/2A 67


343AA Saturated steam 17 bar (250 psi) - oil resistant - steel reinforced - BS 5342/2B NFT 47263/II3 ... 69


L270AA Auto Heater Hose 10 bar (150 psi) - HD 69

GUIDE Hot Water & Steam Hose safety guide 70

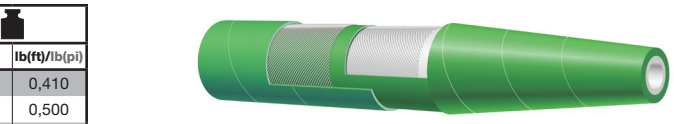
FURNACE AND CABLE COOLING
FOURNAISE ET CÂBLE DE REFROIDISSEMENT


254AL Furnace cooling 10 bar (150 psi) - soft wall 71


203AL Furnace cooling 10 bar (150 psi) - hard wall 71


957LL Cable cooling 10 bar (150 psi) - non conductive 72

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	150/10				0,610	0,410
25	1	37	1,46	150/10				0,740	0,500
32	1 1/4	46	1,81	150/10				1,100	0,740
38	1 1/2	52	2,05	150/10				1,290	0,870



351LG

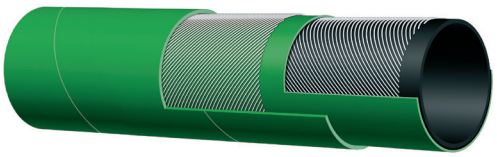
Hot water wash down 10 bar (150 psi) built in nozzle

Nettoyage eau chaude 10 bar (150 psi) buse intégré

Tube: White EPDM. FDA
Reinforcement: High tensile textile cords
Cover: Green EPDM - heat, abrasion and ozone resistant
Use: Hot and cold water wash down in paper mills and the food industry where a built in rubber nozzle is required to avoid floor and equipment damage
Safety factor: 4:1
Temperature: -40 °C +120 °C (-40 °F +248 °F)

Tube: EPDM blanc. FDA
Armature: nappe textiles haute tenacité
Revetement: EPDM vert - résistant à la chaleur, l'abrasion et l'ozone
Application: Nettoyage eau chade et applications industrielles diverses. Specialement concu pour industries alimentaires et laitiers.
Normes de sécurité: 4:1
Temperature: -40 °C +120 °C (-40 °F +248 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	29	1,14	400/27	190	7,50		0,560	0,380
25	1	35	1,38	400/27	250	10,00		0,710	0,480
32	1 1/4	44	1,73	400/27	320	12,50		0,920	0,620
38	1 1/2	50	1,97	400/27	380	15,00		1,050	0,710
51	2	65	2,56	400/27	510	20,00		1,690	1,140



357AG

Hot Water Washdown - Super Duty 27 bar (400 psi)

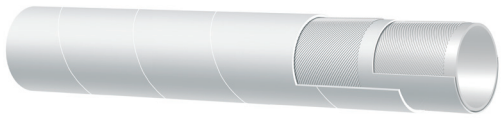
Nettoyage eau chaude - Super Duty 27 bar (400 psi)

Tube: Black SBR/NBR - Oil Mist Resistant
Reinforcement: High tensile textile cords
Cover: Green SBR - Abraision and ozone resistant
Use: Hot and cold water wash down in paper mills and the food industry
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: SBR/NBR noir - résistant aux projections d'huile
Armature: nappe textiles haute tenacité
Cover: SBR vert - résistant à l'abrasion et l'ozone
Application: Nettoyage eau chade et applications industrielles diverses
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	23	0,91	100/7				0,390	0,260
19	3/4	31	1,22	100/7				0,650	0,440
25	1	37	1,46	100/7				0,800	0,540

NB: Also abailable with blue cover.
Aussi disponible avec revetement bleu.



350LL(white/blanc)/350LE(blue/bleu)

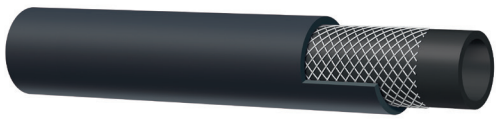
Steam 7 bar (100 psi)-hot water 15 bar (225 psi) exceeds BS 5122/A2 FDA

Vapeur 7 bar (100psi) / eau chaude 15 bar (225 psi) FDA

Tube: White food grade EPDM
Reinforcement: High tensile textile cords
Cover: White EPDM - heat, abrasion and ozone resistant
Use: Saturated steam and hot water delivery in general industrial applications. Specially designed for wash down use in the food and dairy industry
Safety factor: According to BS 5122/A2
Temperature: -40 °C +165 °C (-40 °F +330 °F)

Tube: EPDM blanc
Armature: nappe textiles haute tenacité
Revetement: EPDM blanc - résistant à la chaleur, l'abrasion et l'ozone
Application: Refoulement de liquide alimentaires, vapeur saturè et eau chaude pour applications industrielles diverses. Specialement concu pour industries alimentaires et laitiers.
Normes de sécurité: Voir BS 5122/A2
Température: -40 °C +165 °C (-40 °F +330 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	21	0.83	75/5				0.280	0.190
16	5/8	24	0.94	75/5				0.330	0.220
18	23/32	26	1.02	75/5				0.360	0.240
20	13/16	28	1.10	75/5				0.390	0.260
22	7/8	30	1.18	75/5				0.420	0.280
25	1	33	1.30	75/5				0.470	0.320
28	1 1/8	36	1.42	75/5				0.510	0.340
30	1 3/16	38	1.50	75/5				0.550	0.370
32	1 1/4	40	1.57	75/5				0.580	0.390
35	1 3/8	43	1.69	75/5				0.620	0.420
38	1 1/2	48	1.89	75/5				0.850	0.570
40	1 9/16	50	1.97	75/5				0.890	0.600
42	1 5/8	52	2.05	75/5				0.930	0.630
45	1 3/4	55	2.17	75/5				0.990	0.670
48	1 7/8	58	2.28	75/5				1.040	0.700
51	2	61	2.40	75/5				1.110	0.750
55	2 1/6	65	2.56	75/5				1.190	0.800
57	2 1/4	67	2.64	75/5				1.230	0.830
60	2 3/8	70	2.76	75/5				1.280	0.860
63	2 1/2	73	2.87	75/5				1.340	0.900
70	2 3/4	80	3.15	75/5				1.440	0.970
76	3	86	3.39	75/5				1.550	1.040
80	3 1/8	90	3.54	75/5				1.630	1.100
90	3 1/2	102	4.02	75/5				2.020	1.360
102	4	114	4.49	75/5				2.260	1.520
110	4 5/16	122	4.80	75/5				2.420	1.630
115	4 1/2	127	5.00	75/5				2.520	1.690
127	5	141	5.55	75/5				3.210	2.160



352AA

Radiator 5 bar (75 psi) exceeds DIN 73411

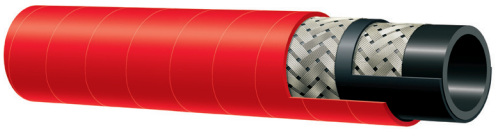
Radiateur 5 bar (75psi)

Tube: Black EPDM
Reinforcement: High tensile textile cords
Cover: Black EPDM - heat, abrasion and ozone resistant
Use: Radiator
Safety factor: 3:1
Temperature: -40 °C +120 °C (-40 °F +248 °F)

Tube: EPDM noir
Armature: nappe de cable en acier haute tenacité
Revetement: EPDM noir - résistant à la chaleur, l'abrasion et l'ozone
Application: radiateurs
Normes de sécurité: 3:1
Température: -40 °C +120 °C (-40 °F +248 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	23	0,91	270/18	130	5,00		0,420	0,285
16	5/8	28	1,10	270/18	160	6,50		0,540	0,365
19	3/4	31	1,22	270/18	190	7,50		0,770	0,520
25	1	38	1,50	270/18	250	10,00		0,900	0,605
32	1 1/4	46	1,81	270/18	320	12,50		1,270	0,855
38	1 1/2	52	2,05	270/18	380	15,00		1,370	0,925
51	2	67	2,64	270/18	510	20,00		2,050	1,380
64	2 1/2	83	3,27	270/18	630	25,00		2,640	1,775
76	3	96	3,78	270/18	760	30,00		2,690	1,990

Extruded Tube



340AH

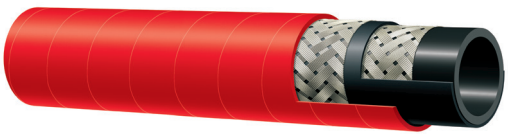
Steam 18 bar (270 psi) Steel Braided
Nettoyage eau chaude 18 bar (270 psi)
Nappes en acier

Tube: Black conductive EPDM
Reinforcement: High tensile steel wire braids
Cover: Red EPDM - heat, abrasion and ozone resistant - pin pricked
Use: Saturated and superheated steam
Safety factor: 10:1
Temperature: -40 °C +220 °C (-40 °F +430 °F) intermittent to +232 °C (450 °F)

Tube: EPDM conducteur noir
Armature: Nappes en acier, textiles haute tenacité
Revetement: EPDM rouge - résistant à la chaleur, l'abrasion et l'ozone, micro perfore
Application: vapeur saturée et surchaufée
Normes de sécurité: 10:1
Temperature: -40 °C +220 °C (-40 °F +430 °F) intermittente à +232 °C (450 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	25	0,98	270/18	130	5,00		0,470	0,320
19	3/4	33	1,30	270/18	190	7,50		0,870	0,585
25	1	40	1,57	270/18	250	10,00		0,990	0,670
32	1 1/4	48	1,89	270/18	320	12,50		1,470	0,990
38	1 1/2	54	2,13	270/18	380	15,00		1,600	1,080
51	2	69	2,72	270/18	510	20,00		2,290	1,540

Extruded Tube



344AH

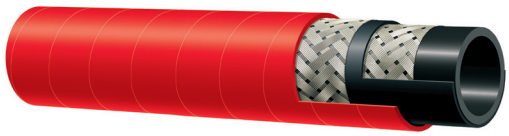
Steam 18 bar (270 psi) Steel Braided EN ISO 6134/2A
Nettoyage eau chaude 18 bar (270 psi)
Nappes en acier - EN ISO 6134/2A

Tube: Black conductive EPDM
Reinforcement: High tensile steel wire braids
Cover: Red EPDM - heat, abrasion and ozone resistant - pin pricked
Use: Saturated and superheated steam
Safety factor: 10:1
Temperature: -40 °C +220 °C (-40 °F +430 °F) intermittent to +232 °C (450 °F)

Tube: EPDM conducteur noir
Armature: Nappes en acier, textiles haute tenacité
Revetement: EPDM rouge - résistant à la chaleur, l'abrasion et l'ozone, micro perfore
Application: vapeur saturée et surchaufée
Normes de sécurité: 10:1
Temperature: -40 °C +220 °C (-40 °F +430 °F) intermittente à +232 °C (450 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	23	0,91	270/18	130	5,00		0,430	0,290
19	3/4	31	1,22	270/18	190	7,50		0,790	0,535
25	1	38	1,50	270/18	250	10,00		0,930	0,625
32	1 1/4	46	1,81	270/18	320	12,50		1,340	0,905
38	1 1/2	52	2,05	270/18	380	15,00		1,460	0,985
51	2	67	2,64	270/18	510	20,00		2,130	1,435

Extruded Tube



341AH

Steam 18 bar (270 psi) CIIR Steel Braided

Nettoyage eau chaude 18 bar (270 psi)

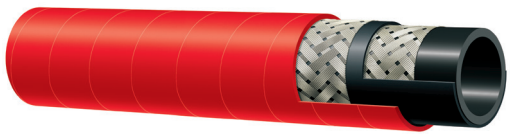
Nappes en acier CIIR

Tube: Black conductive chlorobutyl
Reinforcement: High tensile steel wire braids
Cover: Black EPDM - heat, abrasion and ozone resistant - pin pricked
Use: Saturated and superheated steam
Safety factor: 10:1
Temperature: -40 °C +220 °C (-40 °F +430 °F) intermittent to +232 °C (450 °F)

Tube: Chlorobutyl conducteur noir
Armature: Nappes en acier, textiles haute tenacité
Revetement: EPDM noir - résistant à la chaleur, l'abrasion et l'ozone, micro perfore
Application: vapeur saturée et surchaufée
Normes de sécurité: 10:1
Temperature: -40 °C +220 °C (-40 °F +430 °F) intermittente à +232 °C (450 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	25	0,98	270/18	130	5,00		0,470	0,320
19	3/4	33	1,30	270/18	190	7,50		0,890	0,600
25	1	40	1,57	270/18	250	10,00		1,050	0,710

Extruded Tube



345AH

Steam 18 bar (270 psi) CIIR Steel Braided EN ISO 6134/2A

Nettoyage eau chaude 18 bar (270 psi)

Nappes en acier CIIR - EN ISO 6134/2A

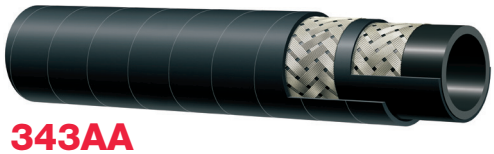
Tube: Black conductive chlorobutyl
Reinforcement: High tensile steel wire braids
Cover: Red EPDM - heat, abrasion and ozone resistant - pin pricked
Use: Saturated and superheated steam
Safety factor: 10:1
Temperature: -40 °C +220 °C (-40 °F +430 °F) intermittent to +232 °C (450 °F)

Tube: Chlorobutyl conducteur noir
Armature: Nappes en acier, textiles haute tenacité
Revetement: EPDM rouge - résistant à la chaleur, l'abrasion et l'ozone, micro perfore
Application: vapeur saturée et surchaufée
Normes de sécurité: 10:1
Temperature: -40 °C +220 °C (-40 °F +430 °F) intermittente à +232 °C (450 °F)

NOTES

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	25	0,98	250/17	130	5,00		0,620	0,420
19	3/4	33	1,30	250/17	190	7,50		0,800	0,540
25	1	39	1,54	250/17	250	10,00		0,990	0,670



343AA

Saturated steam 17 bar (250 psi)
oil resistant - steel reinforced
BS 5342/2B NFT 47263/II3

Vapeur saturée 17 bar (250 psi)
acier renforcé BS 5342/2B NFT 47263/II3

Tube: Black EPDM
Reinforcement: High tensile steel cords
Cover: Black CSM - abrasion, ozone and hydrocarbon resistant - pin pricked
Use: Saturated steam where an oil resistant cover is required
Safety factor: 10:1
Temperature: -40 °C +210 °C (-40 °F +410 °F)

Tube: EPDM noir
Armature: nappe de cable acier haute tenacité
Revetement: CSM noir - résistant à l'abrasion, hydrocarbures et l'ozone - micro perfore
Application: vapeur saturée ou le revetement requis est résistant a l'huile
Normes de sécurité: 10:1
Température: -40 °C +210 °C (-40 °F +410 °F)

NB: We recommend Dixon Boss ground joint fittings.

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
10	3/8	17	0,67	150/10	80	3,00		0,220	0,150
13	1/2	21	0,83	150/10	104	4,00		0,310	0,210
16	5/8	25	0,98	150/10	128	5,00		0,430	0,290
19	3/4	29	1,14	150/10	152	6,00		0,550	0,370
25	1	35	1,36	150/10	200	8,00		0,550	0,370

L270AA

Auto Heater Hose 10 bar (150psi)-HD

Tuyaux de refroidisement d'auto
10 bar (150 psi) - service sévère

Tube: Black EPDM - oil mist resistant
Reinforcement: High tensile textile cords
Cover: Black EPDM - abrasion and ozone resistant
Use: Auto coolant radiator hose
Safety factor: 3:1
Temperature: -40 °C +93 °C (-40 °F +200 °F)

Tube: EPDM noir - resistant aux projections d'huile
Armature: nappe textiles haute tenacité
Revetement: EPDM noir - résistant a l'abrasion et a l'ozone
Application: Tuyaux de refroidissement de radiateur
Normes de sécurité: 3:1
Température: -40 °C +93 °C (-40 °F +200 °F)

HOT WATER & STEAM

ALFAGOMMA

(Reprinted from RMA IP-11-1 Steam Hose)

Handling steam is a very hazardous situation. Using care and some safety precaution can minimise or eliminate personal or property damage.

SELECTING AND USING STEAM HOSE

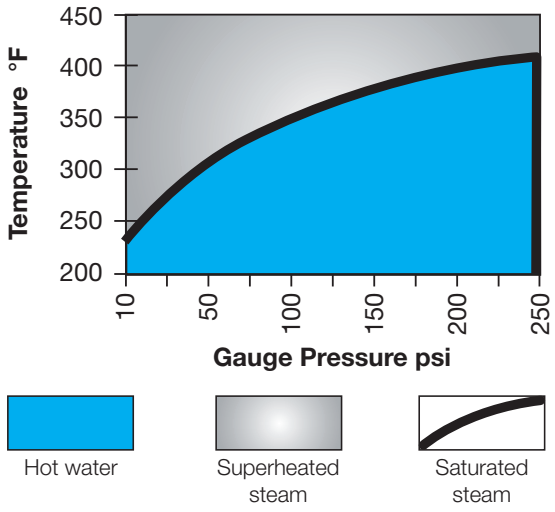
1. Make sure steam hose is identified as a steam hose. It should be branded as such, stating working pressure and temperature rating
2. Make sure working pressure and temperature is not exceeded.
3. Do not allow hose to remain under pressure when not in use.
4. Avoid excess bending or flexing of hose near the coupling. Straight line operation is preferred. If bends are necessary as part of operation, spring guards may help.
5. Be sure and use recommended steam hose couplings and clamps on hose.

MAINTENANCE OF STEAM HOSE

1. Periodic inspection of hose should include looking for cover blisters and lumps.
2. Check for kinked areas that could damage hose.
3. Drain hose after each use to avoid tube damage before hose is put back in operation, to avoid “popcorning” of the tube.
4. Check tightness of clamps bolts after each use.
5. Check to see if clamps halves are touching. If they are, recouple hose with smaller clamps to insure proper tightness or grip around hose.
6. Do not store hose over hooks.
7. Steam hose lying on metal racks or installed around steel piping will dry out the hose, causing tube and cover cracking.
8. For service in sub-zero application, use only T-331 chlorobuthyl hose.

The chart represents the three forms of water when subjected to heat and pressure. Use only hoses specifically designed for the application.

Gauge Pressure (psi)	Temperature of Saturated Steam (°F)
10	239
25	267
50	298
75	320
100	338
125	353
150	366
175	377
200	388
225	397
250	406



TEMPERATURE OF SATURATED STEAM

Gauge Pressure		Temperature	
psi	bar	°C	°F
25	1.73	130	267
30	2.07	134	274
35	2.42	138	281
40	2.76	141	287
45	3.11	144	292
50	3.45	148	298
60	4.14	153	307
70	4.83	158	316
80	5.52	162	324
90	6.21	166	330
100	6.90	170	338
120	8.28	177	350
140	9.66	182	361
160	11.04	188	371
180	12.42	193	379
200	13.80	198	388
225	15.53	203	397
250	17.25	208	406
275	18.98	212	414
300	20.70	216	422
325	22.43	221	429
350	24.15	225	437

CORROSIVE STEAM

When the water used to generate steam contains dissolved air, oxygen or carbon dioxide, then these gases end up as contaminants in the steam. At high temperatures of steam both oxygen and carbon dioxide are extremely corrosive.

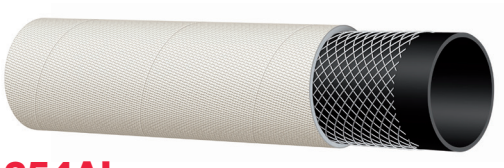
Carbon dioxide is acidic and therefore attacks metals whereas the oxygen corrodes metals and oxidises rubbers. Corrosion of metals in the presence of both oxygen and acids is forty times faster than with either alone. Boiler water is thereforenormally treated not only to remove the “hardness” which would cause “furring” of the boiler but also to remove dissolved oxygen and carbon dioxide and to ensure that the steam is not only not acidic but even slightly alkaline. Boiler water treatment is a specialised subject beyond the scope of this technical sheet but correct steam generation is important.

DETERIORATION OF STEAM HOSE

Like all rubber products steam hoses have a finite life and are subject to gradual deterioration with use. However, it sometimes happens that hoses which have been giving a good life suddenly start failing without apparent reason. In such cases it is often a change in the steam conditions causing a rapid acceleration of a normal failure mode. It is therefore useful to consider how steam hoses normally last and thus how the condition of the steam affects hose life.

FOURNAISE ET CÂBLE DE REFROIDISSEMENT

mm	inch/Po	mm	inch/Po	psi	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	150/10				0,590	0,400
25	1	37	1,46	150/10				0,740	0,500
32	1 1/4	46	1,81	150/10				1,110	0,750
38	1 1/2	52	2,05	150/10				1,290	0,870
51	2	65	2,56	150/10				1,690	1,140



254AL

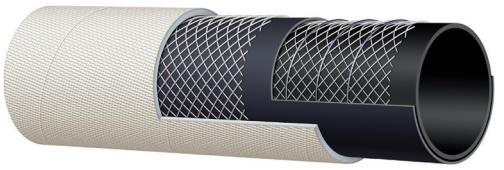
Furnace cooling 10 bar (150 psi) - soft wall

Refroidisseur a fournaise 10 bar (150 psi) - parois souples

Tube: Black SBR
Reinforcement: High tensile textile cords
Cover: Black SBR - resin coated dust free fibreglass cover
Use: General purpose water delivery in furnace cooling applications.
Specially designed to withstand heat, splashes of molten metal and open flame
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)
Cover resistant up to 540 °C (1000 °F)

Tube: SBR noir
Armature: nappe textiles haute tenacité
Revetement: SBR noir - recouvrement anti-poussiere en fibre de verre
Application: Eau, refroidisseur à fournaise, résiste à la chaleur et aux eclaboussures de metal enfusion, flamme.
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	63	2,48	150/10	255	10,00	100	1,600	1,080
60	2 3/8	72	2,83	150/10	300	12,00	100	1,980	1,330
63	2 1/2	75	2,95	150/10	300	12,00	90	2,070	1,390
76	3	88	3,46	150/10	330	13,00	90	2,470	1,660
80	3 1/8	92	3,62	150/10	400	15,75	90	2,660	1,790
90	3 1/2	102	4,02	150/10	450	17,50	90	3,040	2,040
102	4	114	4,49	150/10	510	20,00	90	3,430	2,310



203AL

Furnace cooling 10 bar (150 psi) - hard wall

Refroidisseur a fournaise 10 bar (150 psi) - parois rigid

Tube: Black SBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black SBR - resin coated dust free fibreglass cover
Use: General purpose water suction and delivery in furnace cooling applications.
Specially designed to withstand heat, splashes of molten metal and open flame
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)
Cover resistant up to 540 °C (1000 °F)

Tube: SBR noir
Armature: nappe textiles haute tenacité avec fil d'acier
Revetement: SBR noir - recouvrement anti-poussiere en fibre de verre
Application: Eau, refroidisseur à fournaise, résiste à la chaleur et aux eclaboussures de metal enfusion, flamme.
Safety factor: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)
Revetement résiste just-qu'à 540 °C (1000 °F)

FURNACE & CABLE COOLING

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	25	0,98	150/10				0,440	0,300
16	5/8	28	1,10	150/10				0,500	0,340
19	3/4	33	1,30	150/10				0,700	0,470
25	1	39	1,54	150/10				0,860	0,580
32	1 1/4	48	1,89	150/10				1,250	0,840
38	1 1/2	54	2,13	150/10				1,460	0,980
51	2	73	2,87	150/10				2,700	1,810
63	2 1/2	81	3,19	150/10				2,290	1,540
76	3	96	3,78	150/10				3,170	2,130

957LL

Cable cooling 10 bar (150 psi) non conductive

Refroidissement de cable 10 bar (150 psi) non-conductif

Tube: White EPDM
Reinforcement: High tensile textile cords
Cover: White non conductive EPDM, heat resistant - resin coated dust free fibreglass cover
Use: Non conductive cable cooling in electric furnaces. Specially designed to withstand heat, splashes of molten metal and open flame
Safety factor: 4:1
Temperature: -40 °C +120 °C (-40 °F +248 °F)
Cover resistant up to 540 °C (1000 °F)

Tube: EPDM blanc
Armature: nappe textiles haute tenacité
Revetement: EPDM blanc - non-conductif, résiste à la chaleur, couvert anti-poussiere en fibre de verre
Application: Refroidisseur de cable sur fournaise éléctrique, résiste à la chaleur et aux éclats de metal en fusion, feu.
Safety factor: 4:1
Temperature: -40 °C +120 °C (-40 °F +248 °F)
Revetement résiste just-qu'à 540 °C (1000 °F)

LIQUID FOOD / PULVÉRULANTS ALIMENTAIRE


452LE/LH Liquid food delivery 10 bar (150 psi) - FDA 75


410LL Alcoholic beverages S&D 16 bar (240 psi) - crush resistant - FDA 75


350LE (Z) Liquid food & potable water delivery 10 bar (150 psi) - FDA 76


L350LE (Z) ALFAFLEX AQUA: Durable potable water hose in polyurethane 76


412LE Milk tanker 10 bar (150 psi) - hard wall - FDA 77

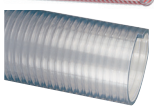

903LE High Temp EPDM - 10 bar (150 psi) - hard wall FDA 77

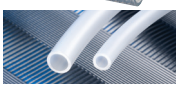

MILK/-LT/ 4660C PVC food grade liquid milk tranfer hose 78

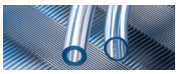

405LE Fat food S&D 10 bar (150 psi) - FDA 78

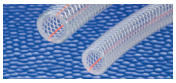

405LH Fat food S&D 10 bar (150 psi) - FDA 78


468OH/FT Liquid food S&D - PVC - heavy duty - FDA 90/128/EC A+B+C AS 2070 79


FT/468 Heavy duty PVC food grade material handling hose 79

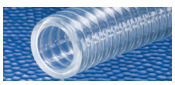

220 Linear Low Density Food Grade Polyethylene Tubing 80

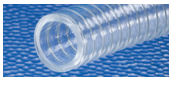

K010 KLEARON™ 73 Clear PVC Tubing 80


K3150/49200 CLEARBRAID® K3150 Series RF Standard Wall PVC Food & Beverage Hose 81


K3130 CLEARBRAID® K3130 Series BF Heavy Wall PVC Food & Beverage Hose 81


K7300/47300 POLYWIRE® PLUS K7300 Series Heavy Wall -Yarn Reincfored Vacuum/Pressure Hose 82


K7130/47000 POLYWIRE® PLUS K130 Series Heavy Wall - Food & Beverage, Vacuum/Pressure Hose 82


K7160 POLYSPRING® Series K7160 Series Standard Wall PVC Food & Beverage Vacuum/Transfer Hose..83

BULK FOOD / VOLUME ALIMENTAIRE

UVF Standard duty Polyurethane food grade lightweight blower & ducting hose 83

2001 Polyurethane-lined food grade material handling hose with embedded copper grounding wire .. 84

WSTF Series Food Grade PVC Fabric Reinforced Suction & Discharge 84

VOLT™ VOLT™ Series Heavy Duty Food Grade Dissipative Polyurethane Material Handling Hose with Embedded Copper Grounding Wre 85

VOLT-SD™ VOLT-SD™ Series Heavy Duty Food Grade Dissipative Polyurethane Material Handling Hose with Embedded Copper Grounding Wre 85

760LB Bulk food delivery 5 bar (75 psi) - FDA 86

720LG Bulk food S&D 10 bar (150 psi) - FDA 86

967OL Fish handling - PVC - super elastic 87

949AA Fish pump 3 bar (45 psi) 87

GTF PVC food grade light weight blower & ducting hose 88

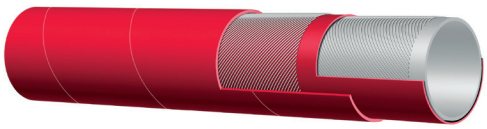
WT Heavy duty PVC food grade material handling hose 88

WE Heavy duty PVC food grade material handling hose with embedded grounding wire 89

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	23	0,91	150/10				0,380	0,255
19	3/4	31	1,22	150/10				0,610	0,410
25	1	37	1,46	150/10				0,760	0,510
32	1 1/4	44	1,73	150/10				0,920	0,620
38	1 1/2	50	1,97	150/10				1,070	0,720
51	2	65	2,56	150/10				1,680	1,130
63	2 1/2	77	3,03	150/10				2,020	1,360
76	3	192	3,62	150/10				2,800	2,910

IANESCO

2004/1935 EC
2006/2023 EC



452LE/LH

Liquid food delivery 10 bar (150 psi) FDA

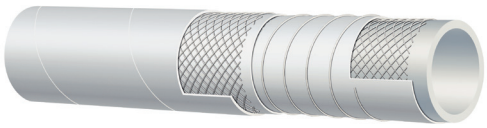
Refoulement de liquides alimentaires 10 bar (150 psi) FDA

Tube: White NR
Reinforcement: High tensile textile cords
Cover: Red SBR/EPDM - abrasion and ozone resistant
Use: Liquid food and alcoholic beverages delivery - max 50% proof. Sterilize with 5% soda solution
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: Chlorobutyl blanc
Armature: Nappes textiles haute tenacité
Revetement: SBR/EPDM rouge- résistant à l'abrasion et à l'ozone
Application: Aspiration et refoulement de liquides alimentaires et boissons alcoolisées - max 50% de concentration. Stérilisation avec eau et soude 5%
Normes de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1	37	1,46	240/16	125	5,00	100	0,870	0,580
38	1 1/2	52	2,05	240/16	190	7,50	100	1,470	0,990
51	2	67	2,64	240/16	255	10,00	100	2,210	1,490
63	2 1/2	79	3,11	240/16	315	12,50	100	2,740	1,840
76	3	94	3,70	240/16	380	15,00	100	3,350	2,250
102	4	122	4,80	240/16	510	20,00	80	5,060	3,400

IANESCO



410LL

Alcoholic beverages S&D 16 bar (240 psi) crush resistant FDA

Aspiratione et refoulement de boissons alcoolisées 16 bar (240 PSI) - résistant à l'écrasement
FDA ARRETE DU 09/11/94 D.M. 21/03/73

Tube: White chlorobutyl
Reinforcement: High tensile textile cords with embedded PET helix
Cover: White EPDM - abrasion and ozone resistant
Use: Liquid food and alcoholic beverages suction and delivery - max 95% proof. Special crush resistant construction. Sterilize with 130 °C (226 °F) steam for 30 minutes or with 5% soda solution
Safety factor: 3:1
Temperature: -40 °C +108 °C (-40 °F +226 °F)

Tube: Chlorobutyl blanc
Armature: Nappes textiles haute tenacité avec spirales PET
Revetement: EPDM blanc- résistant à l'abrasion et à l'ozone
Application: Aspiration et refoulement de liquides alimentaires et boissons alcoolisées - max 95% de concentration. Spécialement résistant à l'écrasement. Stérilisation 130°c (266°f) 30 minutes maxi ou eau et soude maxi 5%
Normes de sécurité: 3:1
Température: -40 °C +108 °C (-40 °F +226 °F)

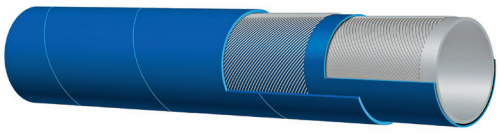
LIQUID & BULK FOOD

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	65	2.58	150/10				1.680	1.130
63	2 1/2	75	3	150/10				2.020	1.360
76	3	92	3.62	150/10				2.800	2.910

FDA(03)

Note: Assembled with brass camlocks and crimped with aluminum ferruls.
Accouplez avec camlocks en laiton et ferruls en aluminium.



350LE (Z)

Liquid Food & Potable Water Delivery
10 bar (150 psi) FDA

Refoulement d'aliments liquide et Eau potable 10 bar (150 psi) FDA

Construction: White food grade EPDM
Reinforcement: High tensile textile cord
Cover: Blue EPDM, abrasion and ozone resistant
Use: Alcoholic beverage, liquid, and potable water. Also suitable for steam and hot water in general industries application
Safety factor: 3:1
Temperature: -40 °C +165 °C (-40 °F +330 °F)

Construction: EPDM blanc de qualité alimentaire
Armature: Nappes textiles haute tenacité
Revetement: EPDM bleu résistant à l'abrasion et à l'ozone
Application: Refoulement de liquide alimentaires, eay potable, vapeur saturè et eau chaude pour applications industrielles diverses.
Mode de sécurité: 3:1
Température: -40 °C +165 °C (-40 °F +330 °F)

NB: Lengths 50' and 100' brass cams crimpers

CODE	mm	inch/Po	psi / bar	WALL THICKNESS mm / inch (Po)	TENSILE STRENGTH kg	g/m lb/ft	RADIUS OF CURVATURE m	gr/m lb/ft
L350LE-Z150	38	1 1/2	250 / 16	1.6 / 0.06	900	160 0.11	0.700	160 0.11
L350LE-Z200	52	2	250 / 16	1.8 / 0.07	1.300	280 0.19	1.100	280 0.19
L350LE-Z250	65	2 1/2	250 / 16	1.8 / 0.07	1.400	330 0.22	1.300	330 0.22
L350LE-Z300	76	3	250 / 16	2.0 / 0.08	1.800	500 0.34	1.450	500 0.34
L350LE-Z400	102	4	250 / 16	2.0 / 0.08	2.400	650 0.44	1.700	650 0.44
L350LE-Z600	152	6	250 / 16	2.5 / 0.10	5.000	750 0.50	2.250	750 0.50
L350LE-Z800	204	8	200 / 14	2.8 / 0.11	6.600	1,150 0.77	3.000	1,150 0.77
L350LE-Z800	204	8	150 / 10	2.8 / 0.11	6.600	1,400 0.94	3.000	1,400 0.94
L350LE-Z1000	254	10	150 / 10	2.8 / 0.11	8.800	1,650 1.11	3.300	1,650 1.11
L350LE-Z1200	306	12	70 / 5	3.3 / 0.13	10.200	3,500 2.35	3.600	3,500 2.35

L350LE-Z ALFAFLEX AQUA

Durable potable water hose in polyurethane

Tuyau d'eau potable durable en polyuréthane

Tube: Lightweight and easy to handle compared to PE or steel pipes
Reinforcement: high tenacity polyester yarn, circular woven
Cover: Special food grade polyurethane extruded "through the weave" in a unique one step production process
Use: Municipal water supply; military and marine; foodstuff industry; potable water transfer; bypass for temporary pipeline, repair or disaster response
Safety factor: 3:1
Temperature: -50 °C +50 °C (-58 °F +122 °F)

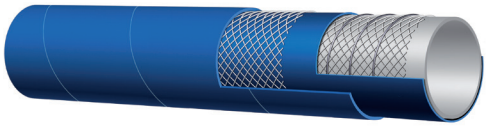
Tube: léger et facile à manipuler à comparé aux tubes en PE ou en acier
Armature: nappes textiles haute tenacité - cordelette antistatique
Revetement: mélange NBR/PVC noir - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: approvisionnement d'eau municipal, militaire et marine, l'industrie alimentaire, le transfert d'eau potable; contourner pour le pipeline temporaire, réponse de réparation ou d'une catastrophe
Normes de sécurité: 3:1
Température: -50 °C +50 °C (-58 °F +122 °F)

mm	inch/Po	mm	inch/Po	psi	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
38	1 1/2	48	1,89	150/10	76	3,00	100	0,970	0,650
40	1 9/16	50	1,97	150/10	80	3,00	100	1,020	0,690
51	2	61	2,40	150/10	100	4,00	100	1,330	0,890
63	2 1/2	75	2,95	150/10	126	5,00	100	1,890	1,270
76	3	88	3,46	150 /10	228	9,00	90	2,730	1,830

IANESCO

2 x ID

2004/1935 EC
2006/2023 EC



412LE

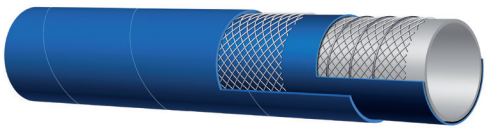
Milk tanker 10 bar (150 psi) - hard wall FDA

Réservoir a lait 10 bar (150 psi) - mur rigide FDA

Tube: White Nitrite
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Blue NR/EPDM - abrasion, ozone and oil resistant
Use: Liquid food suction and delivery.
Special construction for maximum flexibility in milk tanker applications.
Sterilize with 5% soda solution
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: Nitrile blanc
Armature: nappes textiles haute tenacite avec spirales acier noyées
Revetement: mélange de NR/EPDM bleu - résistant a l'huile, a l'abrasion et a l'ozone
Application: Aspiration et refoulement de liquides alimentaires et boissons alcoolisées. Spécialement concu pour flexibilité maximal de résevoir a lait.
Mode de sécurité: 3:1
Température: -30°c +80°c (-22°f +176°f)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
51	2	63	2,48	150/10	153	6,00	100	1,480	0,990
63	2 1/2	77	3,03	150/10	189	7,50	100	1,970	1,320
76	3	90	3,54	150/10	228	9,00	90	2,340	1,570
102	4	116	4,57	150/10	306	12,00	90	3,220	2,160



903LE

High Temp EPDM - 10 bar (150 psi) - hard wall FDA

Haute Temperature EPDM - Aspiration et refoulement - 10 bar (150 psi), FDA

Tube: Black EPDM - heat resistant
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Blue EPDM - heat, abrasion and ozone resistant
Use: Hot air connection from volumetric compressor to bulk food/ material road tanker. Special light weight and flexible construction
Safety factor: 3:1
Temperature: -40 °C +180 °C (-40 °F +356 °F)

Tube: EPDM noir - résistant a la chaleur
Armature: Nappe textile haute tenacité avec spirales acier noyées.
Revetement: EPDM bleu - résistant à la chaleur, l'abraison et à l'ozone.
Application: Transfert d'air chaud ou compresseur a la citerne pour depotage du pulverulants. Construction special pour une meilleure flexibilité.
Norme de sécurité: 3:1
Température: -40 °C +180 °C (-40 °F +356 °F)

mm	inch/Po	mm	inch/Po	psi/bar 68°F	psi/bar 104°F	68°F	104°F	@ 68°F	Standard Length (Ft)	Approx. Wt. kg/m	Approx. Wt. lb/ft
38.1	1 1/2	45.5	1.79	75/5	50/3.4	Full	26	4”	100	.67	.45
50.8	2	59.2	2.33	75/5	50/3.4	28	25	6”	100	.94	.63
63.5	2 1/2	73.0	2.87	55/3.7	40/2.7	28	24	10”	100	1.21	.81
76.2	3	86.9	3.42	55/3.7	40/2.7	28	24	11”	100	1.76	1.18
50.8	2	59.2	2.33	75/5	50/3.4	28	25	5”	100	.97	.65
63.5	2 1/2	73.0	2.87	55/3.7	40/2.7	28	24	8”	100	1.13	.84

FDA — CFR Title 21 Parts 170 to 199.

USDA — For use in Federally-inspected meat and poultry plants.

3-A Sanitary Standard — No. 20-20, Multi-use plastic materials as product contact surfaces in equipment for production, prcessin and handling of milk and milk products.

Series MILK/-LT / 466OC

PVC food grade liquid milk tranfer hose.

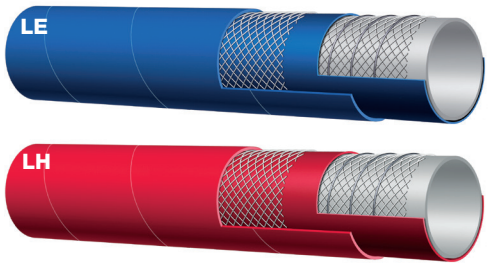
Tuyau PVC pour transfert liquide de lait.

Tube: Clear PVC
Reinforcement: White helix
Cover: Smooth, clear PVC
Use: Milk suction; Transfer of liquid dairy products; Wine making
Temperature: MILK: -20 °C +70°C (-4 °F +150 °F); MILK-LT: -40 °C +70°C (-40 °F +150 °F)

Tube: PVC transparent
Armature: hélix blanc
Revetement: PVC claire, lisse
Application: Asspiration de lait, transfert de produits laitier liquides; fabrication de vin
Température: MILK: -20 °C +70°C (-4 °F +150 °F); MILK-LT: -40°C +70°C (-40 °F +150 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	150/10	57	2,25	100	0,730	0,490
25	1	37	1,46	150/10	75	3,00	100	0,900	0,600
38	1 1/2	50	1,97	150/10	114	4,50	100	1,230	0,830
51	2	63	2,48	150/10	153	6,00	100	1,590	1,070
63	2 1/2	75	2,95	150/10	189	7,50	90	2,100	1,410
76	3	88	3,46	150/10	228	9,00	90	2,500	1,680
102	4	116	4,57	150/10	306	12,00	90	3,450	2,320

2004/1935 EC
2006/2023 EC



405LE/LH

Fat food S&D 10 bar (150 psi) FDA

Fat food S&D 10 bar (150 psi) FDA

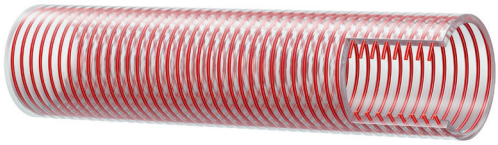
Tube: White NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Blue NBR/PVC - abrasion, ozone and oil resistant
Use: Liquid and fat food-alcoholic beverages suction and delivery - max 75% proof.
Sterilize with 130 °C (266 °F) steam for 30 minutes or with 5% soda solution
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR blanc
Armature: nappes textiles haute tenacite avec spirales acier noyées
Revetement: mélange de NBR/PVC bleu - résistant a l’huile, a a l’abrasion et a l’ozone
Application: Aspiration et refoulement de liquides alimentaires, alimentation grasses et boissons alcoolisées. Eprouvé a Max 75%. Stérilizer a vapeur pendant 30 minutes OU avec 5% de solution soda
Mode de sécurité: 3:1
Température: -30°c +80°c (-22°f +176°f)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
25	1			100/7	125	5,00	90	0,400	0,270
30	1 3/16			100/7	150	6,00	90	0,500	0,340
32	1 1/4			100/7	160	6,25	90	0,520	0,350
38	1 1/2			100/7	190	7,50	90	0,730	0,490
40	1 9/16			100/7	200	8,00	90	0,750	0,500
51	2			100/7	255	10,00	90	1,000	0,670
60	2 3/8			100/7	300	12,00	90	1,450	0,970
63	2 1/2			90/6	315	12,50	90	1,500	1,010
70	2 3/4			75/5	350	14,00	90	1,560	1,050
76	3			75/5	380	15,00	90	1,900	1,280
80	3 1/8			75/5	400	15,75	90	2,100	1,410
102	4			60/4	510	20,00	90	3,300	2,220
120	4 3/4			45/3	600	23,75	80	3,600	2,420

"BACCO"

PHOSPHATE FREE



IANESCO approved

468OH/FT

Liquid food S&D - PVC - heavy duty
FDA 90/128/EC A+B+C AS 2070

Tuyau PVC service sévère pour produits alimentaires liquides.
FDA 90/128/EC A+B+C AS 2070

Construction: Transparent PVC - abrasion and ozone resistant
Reinforcement: Red shock resistant rigid PVC
Use: Liquid food and alcoholic beverages suction and delivery - max 28% proof.
Sterilize with 5% soda solution
Safety factor: 3:1
Temperature: -5 °C +60 °C (+23 °F +140 °F)

Construction: PVC transparent - résistant à l'abrasion et l'ozone
Armature: PVC rouge, rigide, résistant aux chocs
Application: Aspiration et refoulement de liquides alimentaires, boissons alcoolisées.
Stérilizer a vapeur avec 5% de solution soda
Mode de sécurité: 3:1
Température: -5 °C +60 °C (+23 °F +140 °F)

mm	inch/Po	mm	inch/Po	psi/bar 68°F	psi/bar 104°F	68°F	104°F	@ 68°F	Standard Length (Ft)	Approx. Wt. kg/m	Approx. Wt. lb/ft
19.0	3/4	24.0	0.94	115/7.9	75/5	Full	28	3"	100	.25	.17
25.5	1	32.5	1.28	100/7	70/4.8	Full	28	3"	100	.36	.24
32.0	1 1/4	39.6	1.56	90/6	65/4.4	Full	28	4"	100	.65	.44
38.1	1 1/2	46.5	1.80	85/5.8	60/4	Full	28	6"	100	.74	.50
50.8	2	60.0	2.36	85/5.8	60/4	Full	26	8"	100	1.06	.71
63.5	2 1/2	73.2	2.88	65/4.4	45/3	Full	26	10"	100	1.40	.94
76.2	3	86.9	3.42	55/3.7	40/2.7	Full	24	11"	100	1.70	1.14
101.6	4	114.6	4.51	50/3	35/2.4	Full	24	18"	100/60	2.84	1.91
127.0	5	140.0	5.51	40/2.7	25/1.7	28	23	28"	20	3.59	2.41
153.4	6	167.4	6.59	30/2	20/1.4	28	15	48"	20	4.88	3.28
204.7	8	224.7	8.85	25/1.7	15/1	28	10	60"	20	8.44	5.67

FDA — CFR Title 21 Parts 170 to 199.
USDA — For use in Federally-inspected meat and poultry plants.
3-A Sanitary Standard — No. 20-20, Multi-use plastic materials as product contact surface equip ment for production, prcessing and handling of milk and milk products.

2007/19/EC

Series FT

Heavy duty PVC food grade material handling hose. For dry or liquid applications.

Tuyau en PVC de manitention d'aliments secs ou liquides.

Tube: Clear PVC construction
Reinforcement: Smooth bore
Cover: Smooth
Use: Pneumatic conveying systems; Fish processing equipment; Transfer of liquid or dry dairy products; Syrup & juice transfer; Poultry cleaning operations; wine making
Temperature: -20 °C +70°C (-4 °F +150 °F)

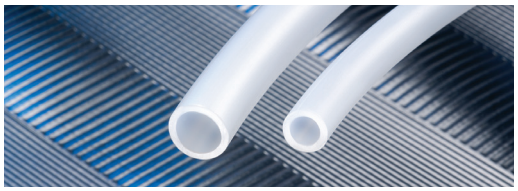
Tube: PVC transparent
Armature: âme lisse
Revetement: PVC lisse
Application: Systèms de convoyage pneumatic; équipements de traitement de poisson; Transfert de produits laitier secs ou liquides; transfert de syrop et jus; abatoires; fabrication de vin
Température:-20 °C +70°C (-4 °F +150 °F)

LIQUID & BULK FOOD

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar @ 70°F	psi/bar @ 122°F	mm	inch/Po	Approx. Wt. per Pkg	Standard Length spool/ coil	Standard Length Pkg.
4.3	.170	6.4	1/4	6.4/0.44	1/4/0.01	1.0	.040	11 lbs	1000 ft.	spool
4.3	.170	6.4	1/4	6.4/0.44	1/4/0.01	1.0	.040	22.lbs	2000 ft.	spool
4.3	.170	6.4	1/4	6.4/0.44	1/4/0.01	1.0	.040	6 lbs	500 ft.	spool
4.3	.170	6.4	1/4	6.4/0/44	1/4/0.01	1.0	.040	1 lbs	100 ft.	coil
3.1	.125	6.4	1/4	6.4/0.44	1/4/0.01	1.6	.062	30 lbs	2000 ft.	spool
4.8	.188	7.9	5/16	7.9/0.54	5/16/0.02	1.6	.062	30 lbs	1500 ft.	spool
6.4	.250	9.5	3/8	9.5/0.54	3/8/0.03	1.6	.062	25 lbs	1000 ft.	spool
6.4	.250	9.5	3/8	9.5/0.54	3/8/0.03	1.6	.062	13 lbs	500 ft.	spool
6.4	.250	9.5	3/8	9.5/0.54	3/8/0.03	1.6	.062	3 lbs	100 ft.	coil
9.5	.375	12.7	1/2	12.7/0.87	1/2/0.03	1.6	.062	18 lbs	500 ft.	spool
9.5	.375	12.7	1/2	12.7/0.87	1/2/0.03	1.6	.062	3.6 lbs	100 ft.	spool
12.7	.500	15.9	5/8	15.9/1.09	5/8/0.043	1.6	.062	23 lbs	500 ft.	coil
12.7	.500	15.9	5/8	15.9/1.09	5/8/0.043	1.6	.062	4.8 lbs	100 ft.	coil

FDA(03), **RoHS**(15)



220 Series

Linear Low Density Food Grade Polyethylene Tubing

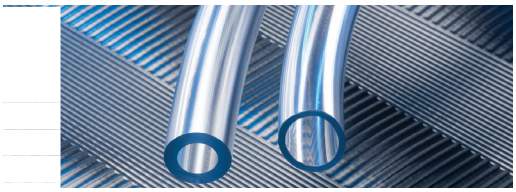
Tuyau a basse densitè en Polyéthylène linèair pour alimentation.

Tube: Natural color; LLDPE resin; Lightweight
Use: Transfer of air & liquids in industrial applications; Water lines; Water softener lines; Pneumatic logic control lines; Vending equipment
Temperature: -45 °C + 60 °C (-50 °F + 140 °F)

Tube: Couleuer naturelle; résine LLDPE; Léger
Application: Transfert de liquides et air en applications industrielle, lignes d'eau, lignes d'assouplisant d'eau, lignes de control de Pneumatic logic et equipements de distributeurs automatiques.
Température:-45 °C + 60 °C (-50 °F + 140 °F)

Part #	inch/Po	mm	inch/Po	mm	Nominal Wall inch/Po	Nominal Wall mm	Working Pressure psi/bar @70°F (20°C)	Standard Length ft. (Ctn/Coils)	Approx. Weight per Pkg. lbs
K010 0204	1/8	3.2	1/4	6.4	1/16	1.6	65/4.4	100	2
K010 0304	3/16	4.8	1/4	6.4	1/32	0.8	50/3.4	100	1.2
K010 0305	3/16	4.8	5/16	7.9	1/16	1.6	55/3.7	100	2.7
K010 0306	3/16	4.8	3/8	9.5	3/32	2.4	60/4	100	4.5
K010 0406	1/4	6.4	3/8	9.5	1/16	1.6	55/3.7	100	3.4
K010 0407	1/4	6.4	7/16	11.1	3/32	2.4	58/3.9	100	5.5
K010 0408	1/4	6.4	1/2	12.7	1/8	3.2	60/4	100	8.0
K010 0507	5/16	7.9	7/16	11.1	1/16	1.6	50/3.4	100	4.0
K010 0508	5/16	7.9	1/2	12.7	3/32	2.4	55/3.7	100	6.5
K010 0509	5/16	7.9	9/16	14.3	1/8	3.2	60/4	100	9.4
K010 0608	3/8	9.5	1/2	12.7	1/16	1.6	45/3	100	4.7
K010 0609	3/8	9.5	9/16	14.3	3/32	2.4	50/3.4	100	7.5
K010 0610	3/8	9.5	5/8	15.9	1/8	3.2	55/3.7	100	10.7
K010 0810	1/2	12.7	5/8	15.9	1/16	1.6	30/2	100	6.0
K010 0811	1/2	12.7	11/16	17.5	3/32	2.4	40/2.7	100	9.5
K010 0812	1/2	12.7	3/4	19.1	1/8	3.2	45/3	100	13.4
K010 0813	5/8	15.9	13/16	20.6	3/32	2.4	35/2.4	100	11.6
K010 0814	5/8	15.9	7/8	22.2	1/8	3.2	40/2.7	100	16.1
K010 1216	3/4	19.1	1	25.4	1/8	3.2	35/2.4	100	18.8
K010 1218	3/4	19.1	1 1/8	28.6	3/16	4.8	45/3	100	30.0
K010 1220	3/4	19.1	1 1/4	31.8	1/4	6.4	40/2.7	100	42.9
K010 1418	7/8	22.2	1 1/8	28.6	1/8	3.2	30/2	100	21.4
K010 1420	7/8	22.2	1 1/4	31.8	3/16	4.8	35/2.4	100	34.1
K010 1620	1	25.4	1 1/4	31.8	1/8	3.2	25/1.7	100	24.1
K010 1622	1	25.4	1 3/8	34.9	3/16	4.8	30/2	100	38.2
K010 1624	1	25.4	1 1/2	38.1	1/4	6.4	35/2.4	100	53.6
K010 2024	1 1/4	31.8	1 1/2	38.1	1/8	3.2	20/1.4	50	29.6
K010 2026	1 1/4	31.8	1 5/8	41.3	3/16	4.8	30/2	50	46.2
K010 2028	1 1/4	31.8	1 3/4	44.5	1/4	6.4	40/2.7	50	64.4
K010 2430	1 1/2	38.1	1 7/8	47.6	3/16	4.8	30/2	50	54.2
K010 2432	1 1/2	38.1	2	50.8	1/4	6.4	35/2.4	50	75
K010 3240	2	50.8	2 1/2	63.5	1/4	6.4	35/2.	50	96.4

3A(01), **FDA**(03), **NSF**(13), **RoHS**(15), **UL**(16), **USDA**(17), **USP**(18)



K010

KLEARON™ 73 Clear PVC Tubing

Tuyau KLEARON™ 73 en vinyle transparent

Tube: Clear non-toxic food & beverage grade PVC tubing
Use: Laboratories; Water distillation lines; Deionized water systems; A/C drainage; Refrigeration drainage; Air lines; Bottling plants; Beverage dispensing units; Ice making machines; Printing press equipment; High efficiency furnace drainage; Transfer of weak chemicals & acids
Temperature: -4 °C +65 °C (+25 °F +150 °F)

Tube de PVC flexible de haute qualité, à intérieure lisse pour prévenir l'accumultion de résidus, inhibiteur de flamme, teinte bleu, non-toxique et conforme aux exigences de FDA. Correspond également aux exigences chimiques de la USDA pour l'utilisation dans les abatoirs, usines de transformation, entreposage, transport et manutention des viandes et volailles.
Applications: Tubes pour laboratoires, tubes de distillation d'eau, système de d'ionisation d'eau, conduits d'air climatisé et de réfrigération, alimentation d'air, usines d'embouteillage, distributrices de breuvages, machines à glace, équipement d'imprimerie, drainage de fournaises à haut rendement énergétique et pour le transfert des produits chimiques et acides doux.
Temperature: -4 °C + 65 °C (+25 °F + 150 °F)

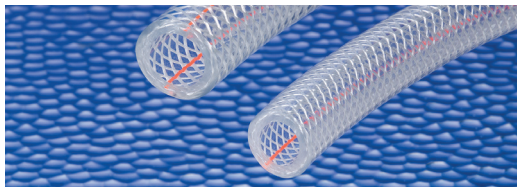
				psi/bar		Approx. Wt. per Pkg		Standard Length	
mm	inch/Po	mm	inch/Po	@ 70°F	@ 122°F	Full Coil	Cut Length	Full Coil	Cut Length
4.8	3/16	9.5	.375	250/17	150/10	13 lbs. 5.90 kg	4 lbs. 1.81 kg	300 ft.	100 ft.
6.5	1/4	11.1	.438	250/17	150/10	17 lbs. 7.71 kg	6 lbs. 2.72 kg	300 ft.	100 ft.
7.9	5/16	13.5	.531	250/17	135/9	24 lbs. 10.89 kg	8 lbs. 3.63 kg	300 ft.	100 ft.
9.5	3/8	15.1	.594	225/15	125/8.6	27 lbs. 12.25 kg	9 lbs. 4.08 kg	300 ft.	100 ft.
12.7	1/2	19.1	.750	200/13	100/7	40 lbs. 18.14 kg	13 lbs. 5.90 kg	300 ft.	100 ft.
15.9	5/8	22.6	.891	200/13	100/7	35 lbs. 15.88 kg	18 lbs. 8.16 kg	200 ft.	100 ft.
19.1	3/4	26.2	1.031	150/10	85/5.8	43 lbs. 19.50 kg	22 lbs. 9.98 kg	200 ft.	100 ft.
25.4	1	33.0	1.300	125/8	75/5	59 lbs. 26.76 kg	30 lbs. 13.61 kg	200 ft.	100 ft.
31.8	1 1/4	41.1	1.620	100/7	55/3.7	45 lbs. 20.41 kg	23 lbs. 10.43 kg	100 ft.	50 ft.
38.1	1 1/2	49.2	1.938	100/7	50/3.4	64 lbs. 29.03 kg	32 lbs. 14.51 kg	100 ft.	50 ft.
50.8	2	63.2	2.490	75/5	35/2.4	94 lbs. 42.64 kg	47 lbs. 21.32 kg	100 ft.	50 ft.
4.0	.157	9.0	.354	250/17	150/10	-	4 lbs. 1.81 kg	-	100 ft.
6.0	.236	11.0	.433	250/17	150/10	-	6 lbs. 2.72 kg	-	100 ft.
8.0	.315	13.5	.531	250/17	135/9	-	8 lbs. 3.63 kg	-	100 ft.
10.0	.394	16.0	.630	225/15	125/8.6	-	10 lbs. 4.54 kg	-	100 ft.
12.0	.472	18.0	.709	200/13	100/7	-	12 lbs. 5.44 kg	-	100 ft.
19.0	.748	26.0	1.024	150/10	85/5.8	-	21 lbs. 9.53 kg	-	100 ft.

3A(01), FDA(03), NSF(13), RoHS(15), UL(16), USDA(17), USP(18)

NSF CERTIFIED UNDER

2004/1935 EC
2006/2023 EC

PHOSPHATE FREE



K3150/49200

CLEARBRAID® K3150/49200 Series RF Standard Wall PVC Food & Beverage Hose

Tuyau CLEARBRAID® K3150 Series RF Mur Standard renforcé de PVC; Pour Alimentations et breuvages

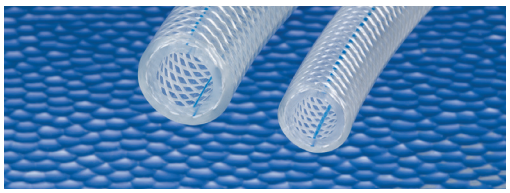
Tube: Crystal clear non-toxic PVC compound; Lightweight
Application: Food & beverage dispensing; Deionized water; Liquid food products; Air & water lines; Powdered food products; Portable water transfer; Air breathing lines; Pneumatic lines; Packaging machines.
Temperature: -4 °C + 65 °C (+25 °F + 150 °F)

Construction: Polyvinyle transparent renforcé de cordes en nylon. Approuvé par FDA et NSF.
Applications: Distribution d'alimentation de boissons, de l'eau déminéralisée; produits alimentaires liquides, les lignes d'air et d'eau, les produits alimentaires en poudre, le transfert de l'eau portable; lignes respiratoire; lignes pneumatiques, machines d'emballage.
Température: -4 °C + 65 °C (+25 °F + 150 °F)

				psi/bar		Approx. Wt. per Pkg		Standard Length	
mm	inch/Po	mm	inch/Po	@ 70°F	@ 122°F	Full Coil	Cut Length	Full Coil	Cut Length
3.2	1/8	8.3	.328	350/25	200/13	12 lbs. 5.44 kg	4 lbs. 1.81 kg	300 ft.	100 ft.
4.8	3/16	10.3	.406	350/24	200/13	17 lbs. 7.71 kg	6 lbs. 2.72 kg	300 ft.	100 ft.
6.5	1/4	12.7	.500	350/25	200/13	24 lbs. 10.89 kg	8 lbs. 3.63 kg	300 ft.	100 ft.
7.9	5/16	14.3	.563	275/18	160/11	28 lbs. 12.70 kg	9 lbs. 4.08 kg	300 ft.	100 ft.
9.5	3/8	15.9	.625	275/18	145/9.9	32 lbs. 14.51 kg	11 lbs. 4.99 kg	300 ft.	100 ft.
12.7	1/2	20.7	.813	250/17	130/8.9	52 lbs. 23.59 kg	17 lbs. 7.71 kg	300 ft.	100 ft.
15.9	5/8	25.4	1.000	225/15	125/8.6	52 lbs. 23.59 kg	26 lbs. 11.79 kg	200 ft.	100 ft.
19.1	3/4	38.6	1.125	200/13	120/8	60 lbs. 27.22 kg	30 lbs. 13.61 kg	200 ft.	100 ft.
25.4	1	34.9	1.375	150/10	85/5.8	76 lbs. 34.47 kg	38 lbs. 17.24 kg	200 ft.	100 ft.
31.8	1 1/4	44.5	1.750	125/8	75/5	64 lbs. 29.03 kg	32 lbs. 14.51 kg	100 ft.	50 ft.
38.1	1 1/2	50.8	2.000	100/7	65/4.4	75 lbs. 34.02 kg	38 lbs. 17.24 kg	100 ft.	50 ft.
50.8	2	63.5	2.500	75/5	55/3.7	96 lbs. 43.55 kg	48 lbs. 21.77 kg	100 ft.	50 ft.

3A(01), FDA(03), NSF(13), RoHS(15), UL(16), USDA(17), USP(18)

NSF CERTIFIED UNDER



K3130

CLEARBRAID® K3130 Series BF Heavy Wall PVC Food & Beverage Hose

CLEARBRAID® K3130 Series BF Mur lourd en PVC; Pour Alimentations et breuvages

Tube: Crystal clear non-toxic PVC compound; Lightweight
Application: Food & beverage dispensing; Deionized water; Liquid food products; Air & water lines; Powdered food products; Portable water transfer; Air breathing lines; Pneumatic lines; Packaging machines
Temperature: -4 °C + 65 °C (+25 °F + 150 °F)

Construction: Polyvinyle transparent renforcé de cordes en nylon. Approuvé par FDA et NSF.
Applications: Distribution d'alimentation de boissons, de l'eau déminéralisée; produits alimentaires liquides, les lignes d'air et d'eau, les produits alimentaires en poudre, le transfert de l'eau portable; lignes respiratoire; lignes pneumatiques, machines d'emballage.
Température: -4 °C + 65 °C (+25 °F + 150 °F)

				psi/bar		Approx. Wt. per Pkg	Standard Length	Min Bend Radius
mm	inch/Po	mm	inch/Po	@ 70°F	@ 122°F	Full Coil	Coils	@ 70°F
12.7	1/2	23.0*	.906*	250/17	125/8.6	26lbs. 11.79kg	100 ft.	2”
19.1	3/4	30.4*	1.196*	225/15	112/7.7	40lbs. 18.14kg	100 ft.	2 1/2”
25.4	1	37.2*	1.464*	225/15	112/7.7	53lbs. 24.04kg	100 ft.	3 1/2”
31.8	1 1/4	45.2*	1.780*	175/12	87/5.9	37lbs. 16.78kg	50 ft.*	4 1/2”
38.1	1 1/2	51.6*	2.030*	175/12	87/5.9	43lbs. 19.50kg	50 ft.*	5 1/2”
50.8	2	66.0*	2.600*	150/10	75/5	64lbs. 29.03kg	50 ft.*	7

* 25 ft. coils available - call for details.

3A(01), **FDA**(03), **NSF**(13), **RoHS**(15), **USDA**(17)

NSF CERTIFIED UNDER

2007/19/EC

K7300/47300

POLYWIRE® PLUS K7300 Hose
Heavy Wall Wire-Yarn Reinforced Vacuum/Pressure Hose
Tuyau POLYWIRE® PLUS K7300
Mur lourd Renforcé avec fil de support
Tuyau - Aspiration/Pression

Construction: Crystal clear non-toxic PVC compound reinforced with high-tensile yarns & helically-wound spring steel wire.
Use: Pressure & vacuum applictions which require excellent kink resistance; Water transfer; Liquid food transfer
Temperature: -9 °C + 65 °C (+15 °F + 150 °F)

Construction: PVC transparent renforcé de fil de support et de hélix en metal helically-wound.
Application: Repond au normes chimique de la USDA, est ulitisé dans les abatoires, les usines de transformation, l’entreposage ou tout autre opération de manipulation de la viande où la volaille. Ce tuyau supporte le vide complet, est non-toxique, ne s’entortille pas et réduit l’accumulation de matériele.
Température: -9 °C + 65 °C (+15 °F + 150 °F)

				psi/bar		Approx. Wt. per Pkg	Standard Length	Min Bend Radius
mm	inch/Po	mm	inch/Po	@ 70°F	@ 122°F	Full Coil	Coils	@ 70°F
6.4	1/4	12.7	.500	250/17	80/5.5	5/10lbs. 2.27/4.54kg	50/100 ft.	1”
9.5	3/8	15.9	.625	150/10	80/5.5	6.5/13lbs. 2.95/5.90kg	50/100 ft.	1 1/2”
12.7	1/2	23.0*	.906*	250/17	125/8.6	26lbs. 11.79kg	100 ft.	2”
15.9	5/8	25.4	1.000	150/10	65/4.4	15/30lbs. 6.80/13.61kg	50/100 ft.	2 1/2”
19.1	3/4	30.4*	1.196*	225/15	112/7.7	40lbs. 18.14kg	100 ft.	2 1/2”
25.4	1	37.2*	1.464*	225/15	112/7.7	53lbs. 24.04kg	100 ft.	3 1/2”
31.8	1 1/4	45.2*	1.780*	175/12	87/5.9	37lbs. 16.78kg	50 ft.*	4 1/2”
38.1	1 1/2	51.6*	2.030*	175/12	875.9	43lbs. 90.50kg	50 ft.*	5 1/2”
50.8	2	66.0*	2.600*	150/10	75/5	64lbs. 29.03kg	50 ft.*	7

* 25 ft. coils available - call for details.

3A(01), **FDA**(03), **NSF**(13), **RoHS**(15), **UL**(16), **USDA**(17), **USP**(18)

NSF CERTIFIED UNDER

2004/1935 EC
2006/2023 EC

PHOSPHATE FREE

K7130/47000

POLYWIRE® K7130 Series
Heavy Wall PVC Food & Beverage Vacuum/Transfer Hose
Tuyau POLYWIRE® PLUS K7130
Mur lourd PVC alimentaion et breuvages
Tuyau - Aspiration/Transfert

Construction: Crystal clear non-toxic PVC compound reinforced helically-wound spring steel wire.
Use: Food & beverage dispensing; Deionized water systems; Coolant lines; Car wash applications; Air breathing lines; Pneumatic parts transfer; Air & water supply lines; Industrian vacuum pumps; Full vacuum lines.
Temperature: -4 °C + 65 °C (+25 °F + 150 °F)

Construction: PVC, transparent, non-toxique PVC renforcé de fil de support.
Application: Distribution d’alimentation et breuvages; systèms d’eau désionisée; lignes de refroidissement; applications de lave-autos; lignes respiratoires d’air; pièces de transfert pneumatic; lignes de réserves d’air et eau; pompes d’asspirateurs industrielles; lignes d’asspirateurs complètes.
Température: -4 °C + 65 °C (+25 °F + 150 °F)

				psi/bar		Approx. Wt. per Pkg	Standard Length	Min Bend Radius
mm	inch/Po	mm	inch/Po	@ 70°F	@ 122°F	Full Coil	Coils	@ 70°F
6.4	1/4	11.7	.460	150/10	70/4.8	3.5/7lbs. 1.59/3.18kg	50/100 ft.	1”
9.5	3/8	15.2	.600	100/7	70/4.8	5.5/11lbs. 2.49/4.99kg	50/100 ft.	1 1/2”
12.7	1/2	19.1	.750	100/7	70/4.8	7.5/15lbs. 3.40/6.80kg	50/100 ft.	2”
15.9	5/8	22.6	.891	100/7	50/3.4	9.5/19lbs. 4.31/8.62kg	50/100 ft.	2 1/2”
19.1	3/4	26.2	1.031	70/4.8	50/3.4	12/24lbs. 5.44/10.89kg	50/100 ft.	3”
25.4	1	32.9	1.297	70/4.8	35/2.4	16.5/33lbs. 7.48/14.97kg	50/100 ft.	4”
31.8	1 1/4	40.9	1.609	70/4.8	35/2.4	25lbs. 11.34kg	50 ft.	5”
38.1	1 1/2	47.2	1.860	50/3.4	30/2	29lbs. 13.15kg	50 ft.	6”
50.8	2	60.7	2.391	50/3.4	30/2	42lbs. 19.05kg	50 ft.	8”
57.2	2 1/4	69.9	2.750	50/3.4	30/2	58lbs. 26.31kg	50 ft.	9”
63.5	2 1/2	76.2	3.000	50/3.4	30/2	69lbs. 31.30kg	50 ft.	10”
76.2	3	88.9	3.500	50/3.4	30/2	40.5/81lbs. 20.64/36.74kg	25/50 ft.	12”

3A(01), **FDA**(03), **NSF**(13), **RoHS**(15), **USDA**(17)

NSF CERTIFIED UNDER

2004/1935 EC
2006/2023 EC

PHOSPHATE FREE

K7160

POLYSPRING® K7160 Series Standard Wall PVC Food & Beverage Vacuum/Transfer Hose

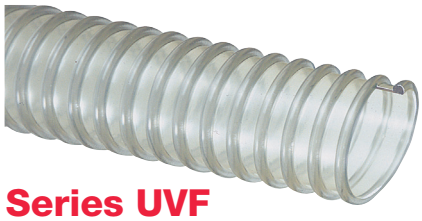
POLYSPRING® K7160 Series Mur standard, tuyau en PVC pour alimenation & breuvages - aspiration/transfert

Construction: Crystal clear non-toxic PVC compound; reinforced with helically-wound spring steel wire.
Application: Food & beverage dispensing; Deionized water systems; Coolant lines; Car wash applications; Air breathing lines; Pneumatic parts transfer; Air & water supply lines; Industrial vacuum pumps; Full vacuum lines.
Temperature: -4 °C + 65 °C (+25 °F + 150 °F)

Construction: PVC transparent, non toxique; PVC renforcé de helically-wound fil de support.
Application: Repond au normes chimique de la USDA, est ulitisé dans les abatoires, les usines de transformation, l’entreposage ou tout autre opération de manipulation de la viande où la volaille. Ce tuyau supporte le vide complet, est non-toxique, ne s’entortille pas et réduit l’accumulation de matériele.
Température: -4 °C + 65 °C (+25 °F + 150 °F)

BULK FOOD / VOLUME ALIMENTAIRE

				psi/bar		Vacuum Rating (inches Hg)		Approx.Bending Radius	Standard Length		
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F	@68°F	(Ft.)	kg/m	lb(ft)/lb(pi)
38,1	1 1/2	46,2	1,82	20/1.3	7/0.482	22	14	1”	50	0,34	0,23
50,8	2	60,7	2,39	15/1	6/0.413	21	12	1,5”	50	0,48	0,32
63,5	2 1/2	73,4	2,89	10/0.69	5/0.344	19	10	1,5”	50	0,58	0,39
76,2	3	87,9	3,46	10/0.69	5/0.344	18	10	2,5”	50	0,82	0,55
101,6	4	114,3	4,50	8/0.55	4/0.275	13	8	3”	50	1,15	0,77
127,0	5	139,7	5,50	7/0.48	3/0.21	10	7	4”	50	1,32	0,89
152,4	6	166,1	6,54	6/0.413	3/0.21	7	5	5”	50	1,71	1,15
203,2	8	218,2	8,59	4/0.27	2/0.137	5	3	7”	50	2,60	1,75



Series UVF

Standard duty Polyurethane food grade lightweight blower & ducting hose.

Service standard - ventilateur léger et tuyau de conduit en polyuréthane pour alimentation.

Tube: Clear polyurethane contruction with clear PVC helix
Reinforcement: High abrasion-resistance with increased flexibility
Cover: Exposed clear helix design
Use: In-plant blower & ducting applications requiring a food grade hose; Abrasive material chutes; Pharmaceutical product transfer.
Temperature: -40 °C +68 °C (-40 °F +150 °F)

Tube: Contruction polyuréthane clair avec hélice en PVC
Armature: Haute résistancea l’abrasion avec une flexibilité accrue.
Revetement: Hélice claire, exposé
Application: Ventilateur en usine et applications de conduits nécessitant un tuyau de qualité alimentaire; chutes pour matériaux abrasifs; transfert de produits pharmaceutiques.
Temperature: -40 °C +68 °C (-40 °F +150 °F)

BULK FOOD

ALFAGOMMA

mm	inch/Po	mm	inch/Po	Approx Linear Thickness (mm)	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Min Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
38,1	1 1/2	47,8	1,88	0,8	50/3.4	25/1.7	Full	28	6”	60	0,71	0,48
50,8	2	62,0	2,44	0,9	40/2.7	20/1.3	Full	28	7”	60	0,99	0,67
63,5	2 1/2	77,2	3,12	0,9	40/2.7	20/1.3	Full	28	8”	60	1,37	0,92
76,2	3	94,1	3,70	1,8	40/2.7	20/1.3	Full	28	9”	60	2,01	1,35
101,6	4	122,0	4,80	2,0	35/2.4	18/1.2	Full	28	15”	60/20	3,23	2,17
127,0	5	147,6	5,81	2,0	35/2.4	18/1.2	28	25	23”	60/20	4,12	2,77
152,4	6	176,0	6,93	2,3	30/2.0	15/1.03	28	25	26”	60/20	5,80	3,90
178,8	7	205,2	8,08	2,3	30/2.0	15/1.03	28	25	30”	60/20	7,74	5,20
203,2	8	235,8	9,28	2,7	30/2.0	15/1.03	28	25	36”	60/20	9,90	6,65

Series 2001

Polyurethane-lined food grade material handling hose with embedded copper grounding wire. For dry applications.

Tuyau renforcé doublé en polyurethane, fil en cuivre anti-statique incorporé. Pour applications seches.

Tube: Clear cover & translucent liner
Reinforcement: Smooth polyurethane liner - high abrasion resistance with embedded copper grounding wire
Cover: See-through construction
Use: Bulk material delivery; pneumatic conveying systems; dry food transfer systems
Temperature: -20°C +68°C (-4 °F +150 °F)

Tube: Transparent avec doublure translucide
Armature: Doublure polyurethane lisse, résistant à haute abrasion avec fil anti-static en cuivre.
Revetement: Construction transparente
Application: Refoulement de produits pulverents, systèms convoyage pneumatique, systems de tranfert d’aliments secs.
Température: -20°C +68°C (-40°F +150°F)

mm	inch/Po	mm	inch/Po	psi/bar 68°F	psi/bar 104°F	mm	inch/Po	hg 68°F	hg 104°F	Stand.Length(ft)	kg/m	lb(ft)/lb(pi)
TDB	1 1/2	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	100	TBD	TBD
TDB	2	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	100	TBD	TBD
76.2	3	92.0	3.62	70/4.83	35/2.41	152	6,00	FULL	28	100/20	1.68	1.13
101.6	4	121	4.76	65/4.48	42/2.89	203	8,00	FULL	28	100/20	2.59	1.74
152.4	6	182.1	7.17	50/3.45	25/1.72	330	13,00	28	25	100/20	5.77	3.88

3A(01), **FDA**(03), **NSF**(13), **RoHS**(10), **BSE/TSE**(2), **USDA**(11)

NEW

WSTF Series

Food-grade PVC, fabric reinforced suction & discharge hose.

De qualité alimentaire en PVC, tissu renforcé d’aspiration et refoulement

Tube: PVC construction
Reinforcement: Textile
Cover: Clear with white PVC helix
Use: Ice transfer, water suction- heavy duty, food grad eliquids
Temperature: -20 °C + 65°C (-4 °F +150 °F)

Tube: PVC construction
Renfort: Textile
Application: Transfert de la glace, l’eau d’aspiration-lourds, d’aliments liquid
Enveloppe: Hélice de PVC
Temperature: -20 °C + 65°C (-4 °F +150 °F)

				psi/bar		Vacuum Rating (inches Hg)		Min Bending Radius	Standard Length		
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F	@68°F	(Ft.)	kg/m	lb(ft)/lb(pi)
51,1	2	64,0	2,52	40/2.7	20/1.3	Full	28	6”	100/60	,91	,61
76,2	3	96,0	3,78	40/2.7	20/1.3	Full	28	9”	100/60	1,35	,91
101,6	4	123,0	4,84	35/2.4	17/1.17	28	25	12”	100/60/20	2,53	1,70
127,0	5	147,0	5,79	35/2.4	17/1.17	28	25	14”	60/20	3,17	2,13
153,4	6	176,0	6,81	30/2.0	15/1.03	25	20	16”	60/20	3,77	2,53
203,5	8	223,3	8,76	30/2.0	15/1.03	25	20	18”	60/20	4,91	3,30

FDA(05), **RoHS**(10), **BSE/TSE**(2)

NEW

VOLT™ Series

Heavy Duty Food Grade Dissipative Polyurethane Material handling hose with embedded copper grounding wire. For outdoor applications.

Tuyau service sévère en polyurethane alimentaire, fil en cuivre anti-statique incorporé.Pour applications exterieure.

Tube: Translucent polyurethane - high abrasion -resistance, FDA
Reinforcement: PVC helix & copper grounding wire
Cover: Black rigid PVC helix
Use: Static dissipative, polyurethane tube and grounding wire work together to provide static protection. DESIGNED FOR VERY HIGH STATIC GENERATING APPLICATIONS.
Temperature: -40°C +65°C (-40 °F +150 °F)

Tube: Polyurethane translucide - résistant à haute abrasion.
Armature: Hélice en PVC et fil anti-static en cuivre. incorporé
Revetement: Hélice noir rigide en PVC éxposé.
Application: Dissipative statique, tube en polyuréthane et fil de terre travaillent ensemble pour fournir une protection statique superieure. CONÇU POUR DE TRES HAUTE applications produisant STATIQUE.
Température: -40°C +65°C (-40°F +150°F)

				psi/bar		Vacuum Rating (inches Hg)		Min Bending Radius	Standard Length		
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F	@68°F	(Ft.)	kg/m	lb(ft)/lb(pi)
77	3	96,0	3,78	70/4.8	35/2.4	Full	28	12”	100/20	1,79	1,20
102,2	4	123,0	4,84	65/4.4	30/2.0	Full	28	13”	100/60/20	2,38	1,60
128,0	5	147,0	5,79	45/3.1	22/1.5	28	25	14”	60/20	3,65	2,45
153,4	6	176,0	6,93	40/2.7	22/1.5	28	25	17”	60/20	4,26	2,86

FDA(05), **FDA**(06), **RoHS**(10), **BSE/TSE**(2)

NEW

VLT-SD™ Series

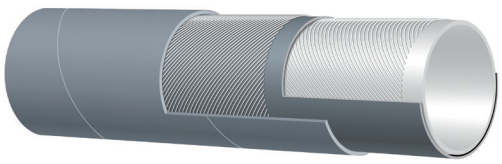
Heavy Duty Food Grade Dissipative Polyurethane Material handling hose with embedded copper grounding wire. For outdoor applications.

Tuyau service sévère en polyurethane alimentaire, fil en cuivre anti-statique incorporé. Pour applications exterieure.

Tube: Translucent polyurethane - high abrasion -resistance, FDA
Reinforcement: PVC helix & copper grounding wire, textile reinforced
Cover: Black rigid PVC helix
Use: Static dissipative, polyurethane tube and grounding wire work together to provide static protection. DESIGNED FOR VERY HIGH STATIC GENERATING APPLICATIONS.
Temperature: -40°C +65°C (-40 °F +150 °F)

Tube: Polyurethane translucide - résistant à haute abrasion.
Armature: Hélice en PVC et fil anti-static en cuivre. incorporé, renforcement en textile
Revetement: Hélice noir rigide en PVC éxposé.
Application: Dissipative statique, tube en polyuréthane et fil de terre travaillent ensemble pour fournir une protection statique superieure. CONÇU POUR DE TRES HAUTE applications produisant STATIQUE.
Température: -40°C +65°C (-40°F +150°F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
75	3	93	3.66	75/5				2.380	1.600
80	3 1/8	92	3.62	75/5				1.870	1.260
90	3 1/2	102	4.02	75/5				2.130	1.430
90	3 1/2	110	4.33	75/5				3.240	2.180
102	4	114	4.49	75/5				2.380	1.600
102	4	118	4.65	75/5				2.770	1.860
102	4	120	4.72	75/5				3.190	2.140
110	4 5/16	122	4.80	75/5				2.550	1.710
127	5	145	5.71	75/5				3.920	2.630



760LB

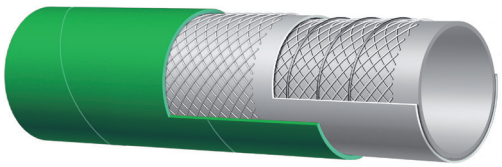
Bulk food delivery 5 bar (75 psi) FDA

Refoulement de Pulverulents Alimentaires 5 bar (75 psi) FDA

Tube: White NR - abrasion resistant
Reinforcement: High tensile textile cords - antistatic wire
Cover: Grey SBR/EPDM - abrasion and ozone resistant
Use: Bulk food and material delivery.
Specially designed for grain, flour and plastic pellets transfer
Safety factor: 3:1
Temperature: -40 °C +80 °C (-40 °F +176 °F)

Tube: NR BLANC - RESISTANT A L'ABRASION
Armature: nappes textiles haute tenacité - cordelette antistatique
Revetement: SBR gris - resistant a l'abrasion et a l'ozone
Application: refoulement de pulverulents alimentaires.
Specialement concu pour grains, farine et granules plastiques.
Normes de sécurité: 3:1
Température: -40 °C +80 °C (-40 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	67	2.64	150/10	153	6.00	100	1.810	1.220
76	3	92	3.62	150 /10	228	9.00	90	2.800	1.880
102	4	118	4.65	150/10	306	12.00	90	3.810	2.560
127	5	145	5.71	75/5	508	20.00	80	5.640	3.790
152	6	170	6.69	75/5	608	24.00	80	6.940	4.660
203	8	223	8.78	75/5	812	32.00	70	10.430	7.010



720LG

Bulk food S&D FDA

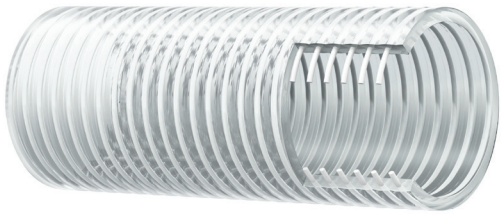
Aspiration et refoulement de produits alimentaires FDA

Tube: White NR - abrasion resistant
Reinforcement: High tensile textile cords with embedded steel helix wire - antistatic wire
Cover: Green SBR/EPDM - abrasion and ozone resistant
Use: Bulk food and material suction and delivery.
Specially designed for grain, flour and plastic pellets transfer
Safety factor: 3:1
Temperature: -40 °C +80 °C (-40 °F +176 °F)

Tube: NR blanc - résistant à l'abrasion
Armature: Nappes textiles haute tenacité avec spirales acier noyées - cordelette antistatique
Revetement: EPDM blanc- résistant à l'abrasion et à l'ozone
Application: Aspiration et refoulement de liquides alimentaires et boissons alcoolisées - max 95% de concentration. Spécialement résistant à l'écrasement. Stérilisation 130°c (266°f) 30 minutes maxi ou eau et soude maxi 5%
Normes de sécurité: 3:1
Température: -40 °C +80 °C (-40 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
152	6			30/2	380	15.00	95	5.600	3.760
203	8			30/2	609	24.00	95	9.200	6.180
254	10			30/2	1016	40.00	95	14.500	9.740
305	12			15/1.03	1525	60.00	95	19.000	12.770

PHOSPHATE FREE



967OL

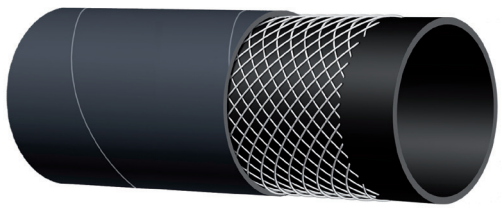
Fish handling - PVC - super elastic 90/128/EC A+B+C

Manutention de poisson - PVC super elastique 90/128/EC A+B+C

Construction: Transparent PVC - abrasion and ozone resistant
Reinforcement: White shock resistant rigid PVC
Use: Fish transfer on fish farms
Safety factor: 3:1
Temperature: -20 °C +60 °C (-4 °F +140 °F)

Construction: PVC transparent - résistant à l'abrasion et à l'ozone
Armature: PVC blanc, rigide, résistant aux chocs
Use: Transfert de poisson aux fermes de poissons
Norme de sécurité: 3:1
Température: -20 °C +60 °C (-4 °F +140 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
254	10	262	10.31	45/3.1				4.130	2.780
305	12	313	12.32	45/3.1				4.940	3.320
355	14	367	14.45	45/3.1				8.150	5.480
406	16	418	16.46	45/3.1				9.770	6.570
457	18	469	18.46	45/3.1				10.970	7.370



949AA

Fish pump 3 bar (45 psi)

Pompe a poisson 3 bar (45 psi)

Tube: Black NBR - oil, abrasion and sea water resistant
Reinforcement: High tensile textile cords
Cover: Black conductive NBR/PVC - oil, abrasion, ozone and sea water resistant
Use: Fish transfer from fishing net to ship deck
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR noir - résistant à l'huile, l'abrasion et a l'eau de mer.
Armature: Nappes textiles haute tenacité
Revetement: NBR/PVC conductif noir - résistant à l'huile, l'abrasion, l'eau de mer et à l'ozone
Application: Transfert de poisson du filet au pont du navire
Norme de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

BULK FOOD

ALFAGOMMA

				psi/bar					Standard Length (Ft)	Approx. Wt. kg/m	Approx. Wt. lb/Ft
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F	@ 68°F			
38.1	1 1/2	46.2	1.82	20/1.3	7/.48	22	14	1”	50	.34	.23
50.8	2	60.8	2.39	15/1.03	6/.41	21	12	2”	50	.45	.30
63.5	2 1/2	73.4	2.89	10/.69	5/.34	19	10	2”	50	.58	.39
76.2	3	87.9	3.46	10/.69	5/.34	18	10	3”	50	.74	.50
101.6	4	114.3	4.50	8/.55	4/.27	13	7	3”	50	1.15	.77
142.4	6	166.1	6.54	6/.41	3/.20	7	5	6”	50	1.61	1.08
203.2	8	218.2	8.59	4/.27	2/.13	5	3	8”	50	2.59	1.74

FDA — CFR Title 21 Parts 170 to 199.

USDA — For use in Federally-inspected meat and poultry plants.

3-A Sanitary Standard — No. 20-20, Multi-use plastic materials as product contact surfaces in equipment for production, processing and handling of millk and milk products.

Series GTF

PVC food grade light weight blower & ducting hose

Tuyau souffleuse et des counduits en PVC; services légers

Tube: Clear PVC construction
Reinforcement: PVC helix
Cover: Exposed helix design
Use: In-plant blower & ducting applications requiring a food grade hose; Material chutes; Pharmaceutical product transfer.
Temperature: -20 °C +66°C (-4 °F +150 °F)

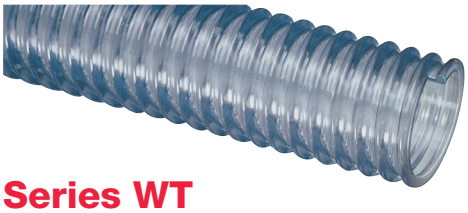
Tube: PVC transparent
Renfort: Hélice de PVC
Enveloppe: Design hélice exposé
Application: Pour applications en usine de souffleuse et des conduits nécessitant un tuyau de manutention alimentaire; chutes de matériaux;, transfert de produits pharmaceutical.
Température: -20 °C +66°C (-4 °F +150 °F)

				psi/bar					Standard Length (Ft)	Approx. Wt. kg/m	Approx. Wt. lb/ft
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F	@ 68°F			
25.4	1	33.0	1.30	55/3.7	30/2	28	28	2”	100/50	.31	.21
31.7	1 1/4	40.6	1.60	50/3.2	25/1.7	28	28	2”	100/50	.42	.28
38.1	1 1/2	48.8	1.92	50/3.2	25/1.7	28	28	3”	100/50	.52	.35
50.8	2	61.0	2.40	40/2.7	20/1.3	28	24	4”	100/50	.83	.56
57.2	2 1/4	69.6	2.74	40/2.7	20/1.3	28	24	4.5”	100/50	.97	.65
63.5	2 1/2	75.9	2.99	40/2.7	20/1.3	28	24	5”	100/50	1.15	.77
76.2	3	92.5	3.64	40/2.7	20/1.3	28	24	6”	100/50	1.64	1.10
88.9	3 1/2	107.0	4.21	35/2.4	18/1.2	28	24	8”	100/50	2.20	1.48
101.6	4	120.0	4.72	35/2.4	18/1.2	24	22	10”	100/50	2.68	1.80
127.0	5	145.8	5.74	30/2	15/1.03	24	22	16”	100/20	3.48	2.34
142.4	6	175.5	6.91	30/2	15/1.03	24	22	18”	100/50/20	5.51	3.70
203.2	8	227.8	8.97	20/1.3	10/.69	20	18	36”	20	8.23	5.53
45.0	1.77	53.0	2.09	45/3.1	25/1.7	28	24	4”	50	.65	.44
57.0	2.24	68.0	2.68	40/2.7	20/1.3	28	24	4.5”	50	.95	.64

FDA — CFR Title 21 Parts 170 to 199.

USDA — For use in Federally-inspected meat and poultry plants.

3-A Sanitary Standard — No. 20-20, Multi-use plastic materials as product contact surfaces in equipment for production, processing and handling of millk and milk products.



Series WT

Heavy duty PVC food grade material handling hose. For dry applications.

Tuyau PVC; service sévère pour produits alimentaires secs.

Tube: Clear PVC construction
Reinforcement: PVC helix
Cover: Conveluted design
Use: Pneumatic conveying systems; Food transfer; Poultry cleaning operations
Temperature: -20 °C +66°C (-4 °F +150 °F)

Tube: PVC transparent
Renfort: Hélice de PVC
Enveloppe: Ondulée
Application: Systèmes pneumatic convoyage; concu pour la manutention des aliments; est ulitisé dans les abatoires
Température: -20 °C +66°C (-4 °F +150 °F)

VOLUME ALIMENTAIRE

ALFAGOMMA

				psi/bar					Standard Length (Ft)	Approx. Wt. kg/m	Approx. Wt. lb/ft
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F	@ 68°F			
32.0	1 1/4	42.0	1.65	50/3.2	25/1.7	28	28	2”	100/50	.49	.33
38.1	1 1/2	49.0	1.93	50/3.2	25/1.7	28	28	3”	100/50	.64	.43
50.8	2	63.0	2.48	40/2.7	20/1.3	28	24	4”	100/50	.86	.58
57.2	2 1/4	71.0	2.80	40/2.7	20/1.3	28	24	4.5”	100/50	.97	.65
63.5	2 1/2	76.5	3.07	40/2.7	20/1.3	28	24	5”	100/50	1.32	.89
76.2	3	91.5	3.64	40/2.7	20/1.3	28	24	6”	100/50	1.86	1.25
88.9	3 1/2	108.5	4.27	35/2.4	18/1.2	28	24	8”	100/50	2.31	1.55
101.6	4	120.0	4.72	35/2.4	18/1.2	24	20	10”	100/50	2.87	1.93
127.0	5	146.0	5.74	30/2	15/1.03	24	20	16”	60/50/33	3.57	2.40
152.4	6	175.5	6.81	30/2	15/1.03	24	20	18”	60/50/20	5.51	3.70
45.0	1.77	55.8	2.20	45/3.1	25/1.7	28	24	4”	60	.68	.46
57.0	2.24	70.0	2.76	40/2.7	20/1.3	28	24	4.5”	60	.95	.64

FDA — CFR Title 21 Parts 170 to 199.

USDA — For use in Federally-inspected meat and poultry plants.

3-A Sanitary Standard — No. 20-20, Multi-use plastic materials as product contact surfaces in equipment for production, processing and handling of milk and milk products.

Series WE

Heavy duty PVC food grade material handling hose with embedded grounding wire. For dry applications.

Tuyau PVC avec fil statique; service sévère pour produits alimentaires secs.

Tube: Clear PVC construction
Reinforcement: PVC helix with static wire
Cover: Conveluted design; corrugated
Use: Pneumatic conveying systems; Paper mill vacuum lines; food grade handling hose with embedded static wire.
Temperature: -20 °C +66°C (-4 °F +150 °F)

Tube: PVC transparent
Renfort: Hélice de PVC avec fil statique
Enveloppe: Ondulée
Application: Systèmes pneumatic convoyage; lignes d’asspirateur pour moulin a papier; concu pour la manutention des aliments - comporte un fil statique.
Température: -20 °C +66°C (-4 °F +150 °F)

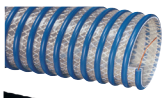
BULK MATERIALS / PULVÉRULENTS


714HA Industrial vacuum - 1/8" Drill cutting suction 5 bar (75 psi) - corrugated, Red pure gum tube, black cover 91


714HAR Industrial vacuum - 1/4" Tube Drill cutting suction 5 bar (75 psi) - corrugated, Red pure gum tube & cover.....91


760AA Bulk material delivery 5 bar (75 psi)..... 92

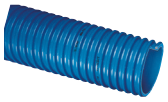

720AA Bulk material S&D 10 bar (150 psi) 92


2020 Reinforced Polyurethane-lined material handling hose with embedded copper grounding wire ..93

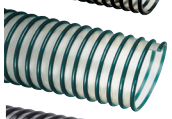

UREFLEX-1/ T767 Polyurethane-lined abrasion-resistant PVC material handling hose 93


UREFLEX-UFC Series Polyurethane-lined abrasion-resistant PVC material handling hose 94


AMPH Series Amphibian - Heavy Duty Polyurethane-lined wet or dry material handling hose 94

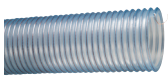

UREFLEX-2 Polyurethane-lined abrasion-resistant PVC material handling hose 95


UREVAC-1 Standard duty Polyurethane Lightweight blower & ducting hose 95


UREVAC-2 Standard duty Polyurethane-lined lightweight PVC material handling hose..... 96


UREVAC-3 Heavy duty Polyurethane-lined lightweight PVC material handling hose 96

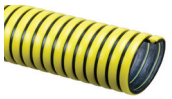

GT Light-duty PVC dust collection and blower hose..... 97


Plas-T-Flo™ Plas-T-Flo™ - PF™ Series Heavy duty Polyurethane Material Handling Hose with Grounding Wire. . 97


MULCH Abrasion-resistant PVC mulch & bark transfer hose..... 98


W Heavy duty PVC multi-purpose suction hose 98


278/TG Tiger™ Green EPDM Suction Hose for outdoor wet or dry applications..... 99


TY Tiger™ Yellow EPDM Suction Hose for outdoor wet or dry applications 99


TSD Tiger™ SD EPDM Suction & Discharge Hose for outdoor wet or dry applications..... 100


Tiger-TR1™ /T780 Wet or dry vacuuming; Abrasive material transfer; Grain handling; Sand/shot blast recovery line; Roof rock cleaning; Fly ash collection; Milling Machine metal chip recovery; Road crush vacuuming; Municipal vacuum trucks 100


Tiger-TR2™ Wet or dry vacuuming; Abrasive material transfer; Grain handling; Sand/shot blast recovery line; Roof rock cleaning; Fly ash collection; Milling Machine metal chip recovery; Road crush vacuuming; Municipal vacuum trucks 101

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	63	2,48	75/5	204	8,00	90	1,320	0,890
76	3	92	3,62	75/5	304	12,00	90	2,760	1,850
102	4	116	4,57	75/5	408	16,00	90	3,350	2,250
127	5	143	5,63	75/5	635	25,00	80	4,980	3,350
152	6	170	6,69	75/5	760	30,00	80	6,810	4,580

NB: 1/8 Super red pure gum tube

TOP

714HA / Industrial Vacuum 1/8”

Drill cutting suction 5 bar (75 psi) - corrugated red pure gum tube

Aspiration pour drill coupante 5 bar (75 psi) - ondulé, tube gum pure rouge

Tube: Red NR - abrasion resistant
Reinforcement: High tensile textile fabric with embedded steel helix wire - antistatic wire
Cover: Black conductive SBR/NR blend - abrasion and ozone resistant
Use: Material handling suction and delivery. Special lightweight construction for maximum flexibility in industrial vacuum equipment.
Temperature: -40 °C +80 °C (-40 °F +176 °F)

Tube: Rouge NR - résistant à l’abrasion
Armature: nappes textiles haute tenacite avec spirales acier - antistatique
Revetement: mélange NBR/PVC noir conducteur - résistant a l’abrasion et a l’ozone
Application: aspiration et chargement. Léger pour flexibilité maximal pour equipement d’aspiration industrielle.
Température: -40 °C +80 °C (-40 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	73	2,87	90/6.2	204	8,00	100	1,86	1,25
76	3	99	3,69	90/6.2	304	12,00	100	3,49	2,35
102	4	128	5,03	90/6.2	508	20,00	100	4,43	2,98
127	5	158	6,22	60/4.1	635	25,00	100	6,75	4,54
152	6	174	6,85	150/10	914	36,00	100	7,63	5,25
203	8	227	8,93	150/10	914	36,00	100	13,78	9,26
254	10	285	11,22	150/10	1016	40,00	100	20,56	13,82

NB: 1/4 Super red pure gum tube

TOP

714HAR / Industrial Vacuum 1/4”

Drill cutting suction - corrugated 10bar (150psi) red pure gum tube

Aspiration pour drill coupante - ondulé 10bar (150psi), tube gum pure rouge

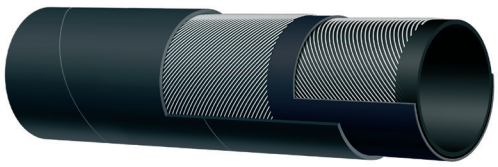
Tube: Red NR - abrasion resistant
Reinforcement: High tensile textile fabric with embedded steel helix wire - antistatic wire
Cover: Black conductive SBR/NR blend - abrasion and ozone resistant
Use: Material handling suction and delivery. Special lightweight construction for maximum flexibility in industrial vacuum equipment.
Safety Factor: 4:1
Temperature: -40 °C +93 °C (-40 °F +200 °F)

Tube: Rouge NR - résistant à l’abrasion
Armature: nappes textiles haute tenacite avec spirales acier - antistatique
Revetement: mélange NBR/PVC noir conducteur - résistant a l’abrasion et a l’ozone
Application: aspiration et chargement. Léger pour flexibilité maximal pour equipement d’aspiration industrielle.
Norme de sécurité: 4:1
Température: -40 °C +93 °C (-40 °F +200 °F)

BULK MATERIALS

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
90	3 1/2	102	4,02	75/5				2,100	1,415
110	4 5/16	122	4,80	75/5				2,510	1,690
102	4	114	4,49	75/5				2,350	1,580
102	4	118	4,85	75/5				2,780	1,855
102	4	120	4,72	75/5				3,180	2,140
127	5	145	5,71	75/5				3,880	2,595
75	3	92	3,62	75/5				2,350	1,580
102	4	118	4,55	75/5				3,200	2,155
127	5	143	5,63	75/5				3,510	2,360



760AA

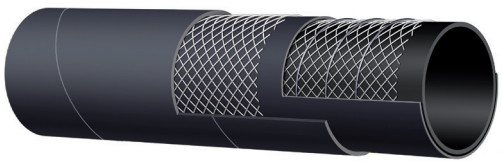
Bulk material delivery 5 bar (75 psi)

Refoulement de produits pulverulents 5 bar (75 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Bulk material delivery.
Specially designed for dry cement, grain and animal feed transfer
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant à l'abrasion
Armature: Nappes textiles haute tenacité
Revetement: Mélange SBR/NR noir conducteur - résistant à l'abrasion et à l'ozone
Application: Refoulement de produits pulverents. Spécialement concu pour ciment sec, grains et transfert d'aliments d'animeaux.
Norme de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	65	2,56	150/10	153	6,00	100	1,420	0,950
60	2 3/8	74	2,91	150/10	180	7,00	90	1,820	1,220
63	2 1/2	77	3,03	150/10	189	7,50	90	1,900	1,280
76	3	90	3,54	150/10	228	9,00	90	2,260	1,520
76	3	92	3,62	150/10	228	9,00	90	2,580	1,730
90	3 1/2	106	4,17	150/10	270	10,50	90	3,160	2,120
102	4	116	4,57	150/10	306	12,00	90	3,120	2,100
102	4	118	4,65	150/10	306	12,00	90	3,530	2,370
127	5	143	5,63	75/5	508	20,00	80	4,750	3,190
127	5	145	5,71	75/5	508	20,00	80	5,270	3,540
152	6	168	6,61	75/5	608	24,00	80	5,900	3,970
203	8	221	8,70	75/5	812	32,00	70	9,030	6,070



720AA

Bulk material S&D 10 bar (150 psi)

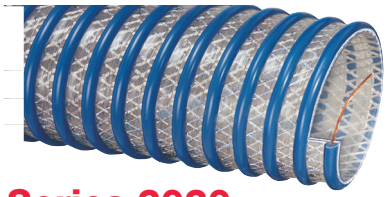
Produits pulverulents A&R 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Bulk material suction and delivery in heavy duty applications.
Specially designed for dry cement, grain and animal feed transfer
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant à l'abrasion
Armature: Nappes textiles haute tenacité avec spirales acier noyées
Revetement: Mélange SBR/NR noir conducteur - résistant à 'abrasion et à l'ozone
Application: Aspiration et refoulement, service sévère de pulverents alimentaires. Spécialement concu pour ciment sec, grains et transfert d'aliments d'animeaux.
Norme de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	Approx Linear Thickness (mm)	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Min Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
76,2	3	96,0	3,78	1.8	70/4.8	35/2.4	Full	28	10”	100/50/20	1,79	1,20
101,6	4	123,0	4,84	2.0	65/4.4	30/2	Full	28	12”	100/50/20	2,38	1,60
127,0	5	147,0	5,79	2.0	45/3.1	22/1.5	28	25	14”	50/20	3,65	2,45
152,4	6	176,0	6,93	2.0	40/2.7	22/1.5	28	25	16”	50/20	4,26	2,86

FDA(04), **FDA**(05), **RoHS**(10), **BSE/TSE**(2), **USDA**(11)



Series 2020

Reinforced Polyurethane-lined material handling hose with embedded copper grounding wire. For outdoor applications.

Tuyau renforcé doublé en polyurethane, fil en cuivre anti-statique incorporé. Pour applications extérieur

Tube: Translucent with blue PVC helix - high abrasion -resistance
Reinforcement: Polyester frabric & copper grounding wire
Cover: Smooth bore construction & exposed blue rigid PVC helix
Use: Bulk material delivery; pneumatic conveying systems; dry food transfer systems
Temperature: -40°C +68°C (-40 °F +150 °F)

Tube: Translucide avec hélice en PVC bleu; résistant à haute abrasion.
Armature: Tissue en polyestere et fil anti-static en cuivre.
Revetement: Construction lisse et hélice bleu rigide en PVC éxposé.
Application: Refoulement de produits pulverents, systèms convoyage pneumatique, systems de tranfert d’aliments secs.
Température: -40°C +68°C (-40°F +150°F)

mm	inch/Po	mm	inch/Po	Approx Linear Thickness (mm)	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Min Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
31,8	1 1/4	39,0	1,53	0,6	50/3.4	25/1.7	Full	28	2”	100	0,33	0,22
38,1	1 1/2	47,0	1,85	0,6	50/3.4	25/1.7	Full	28	2”	100/50	0,63	0,42
50,8	2	61,0	2,40	0,7	40/2.7	20/1.3	Full	28	3”	100/50	0,88	0,59
63,5	2 1/2	78,0	3,07	0,9	40/2.7	20/1.3	Full	28	3”	100/50	1,19	0,80
76,2	3	92,5	3,64	1,0	40/2.7	20/1.3	Full	28	4”	100/50	1,75	1,18
88,9	3 1/2	107,0	4,21	1,0	35/2.4	18/1.2	Full	28	5”	100/50	2,20	1,48
101,6	4	120,9	4,76	1,2	35/2.4	18/1.2	Full	28	6”	100/50	2,90	1,95
127,0	5	146,0	5,75	1,2	35/2.4	18/1.2	28	25	10”	100/50/20	3,60	2,42
152,4	6	173,0	6,81	1,5	30/2	15/1	28	25	12”	100/50/20	5,21	3,50
203,2	8	233,2	9,18	2,0	30/2	15/1	28	25	18”	50/20	8,80	5,91

certified assembly

Super Flex & Abraision Resistant/ Super Flex Abraison			
10 ft	15 ft	20 ft	25 ft
CDN$			

Note: Assembled with parts C and combination nipple and 2-band clamps.
Accouplez avec parties C et mamelon mâle plus 2-collets.

UREFLEX-1/T767

Polyurethane-lined abrasion-resistant PVC material handling hose. For dry applications.

Tuyau en PVC avec tube en polyurethane pour les materiaux très abrasifs. Pour application seches.

Tube: Smooth polyurethane lining - abrasion-resistant
Reinforcement: Static-dissipative compound, sub-zero flexibility
Cover: Black HMW PVC conveluted
Use: Industrial vacuum equipment; pneumatic conveying systems; abrasive material transfer.
Temperature: -40°C +68°C (-40 °F +150 °F)

Tube: Polyurethane avec doublure lisse - résistant à l’abrasion
Armature: Statique composé dissipatifs, flexibilité en “sub-zero”
Revetement: PVC HMV noir ondulée
Application: Aspiration industrielle, systèmes de convoyance pneumatique; transfert de material abraisives.
Température: -40°C +68°C (-40 °F +150 °F)

BULK MATERIALS

ALFAGOMMA

				psi/bar		Vacuum Rating (inches Hg)		Min Bending Radius	Standard Length		
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F	@68°F	(Ft.)	kg/m	lb(ft)/lb(pi)
38,1	1 1/2	47,0	1,85	50/3.4	25/1.7	Full	28	2”	100	0,63	0,42
50,8	2	61,0	2,40	40/2.7	20/1.3	Full	28	3”	100	0,88	0,59
63,5	2 1/2	78,0	3,07	40/2.7	20/1.3	Full	28	3”	100	1,19	0,80
76,2	3	92,5	3,64	40/2.7	20/1.3	Full	28	4”	100	1,76	1,18
101,6	4	120,9	4,76	35/2.4	18/1.2	Full	28	6”	100	2,90	1,95
57,0	2,24	66,0	2,60	40/2,7	20/1.3	Full	28	3”	100	0,92	0,62

RoHS(10)

NEW

UREFLEX-UFC Series

Polyurethane-lined, thick abrasion-resistant PVC material handling hose. For dry applications - Clear

Tuyau en PVC avec tube épais en polyurethane pour les materiaux très abrasifs. Pour application seches - Claire

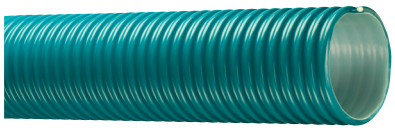
Tube: Oil resistant polyurethane lining - abrasion-resistant
Reinforcement: Static-dissipative compound, sub-zero flexibility
Cover: Clear HMW PVC conveluted
Use: Industrial vacuum equipment; pneumatic conveying systems; abrasive material transfer...
Temperature: -40°C +65°C (-40 °F +150 °F)

Tube: Doublure en polyurethane - résistant à l’abrasion et a l’huile
Armature: Statique composé dissipatifs, flexibilité en “sub-zero”
Revetement: PVC HMV claire ondulée
Application: Aspiration industrielle, systèmes de convoyance pneumatique; transfert de material abraisives.
Température: -40°C +65°C (-40 °F +150 °F)

				psi/bar		Vacuum Rating (inches Hg)		Min Bending Radius	Standard Length		
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F	@68°F	(Ft.)	kg/m	lb(ft)/lb(pi)
101,6	4	120,9	4,76	35/2.4	18/1.2	Full	28	8”	100	2,90	1,95
127,0	5	146,0	5,75	36/2.48	18/1.2	28	25	15”	100/20	3,60	2,42
152,4	6	173,0	6,81	30/2	15/1	28	25	18”	100/20	5,21	3,50
203,2	8	233,2	9,18	30/2	15/1	28	25	22”	60/21	8,78	5,91

RoHS(10)

NEW



Amphibian
AMPH Series

Heavy Duty Polyurethane-lined wet or dry material handling hose.

Tuyau double en polyurethane pour les materiaux a services severe. Pour application seches ou liquides.

Tube: Smooth polyurethane lining - abrasion-resistant
Reinforcement: Static-dissipative compound, sub-zero flexibility
Cover: Black HMW PVC conveluted
Use: Industrial vacuum equipment; pneumatic conveying systems; abrasive material transfer...
Temperature: -40°C +65°C (-40 °F +150 °F)

Tube: Polyurethane avec doublure lisse - résistant à l’abrasion
Armature: Statique composé dissipatifs, flexibilité en “sub-zero”
Revetement: PVC HMV noir ondulée
Application: Aspiration industrielle, systèmes de convoyance pneumatique; transfert de material abraisives.
Température: -40°C +65°C (-40 °F +150 °F)

				Approx Linear Thickness (mm)	psi/bar		Vacuum Rating (inches Hg)		Min Bending Radius @68°F	Standard Length (Ft.)		
mm	inch/Po	mm	inch/Po		68°F	104°F	68°F	104°F			kg/m	lb(ft)/lb(pi)
38,1	1 1/2	47,8	1,88	1,0	50/3.4	25/1.7	Full	28	3”	100	0,68	0,46
50,8	2	62,0	2,44	1,2	40/2.7	20/1.3	Full	28	4”	100	0,97	0,65
63,5	2 1/2	79,2	3,12	1,4	40/2.7	20/1.3	Full	28	5”	100	1,32	0,89
76,2	3	94,1	3,70	1,8	40/2.7	20/1.3	Full	28	6”	100/50	1,83	1,23
101,6	4	122,0	4,80	2,0	35/2.4	18/1.2	Full	28	10”	100/50	3,01	2,02
127,0	5	147,6	5,81	2,0	35/2.4	18/1.2	28	25	15”	100/50/20	3,72	2,50
152,4	6	174,5	6,87	2,3	30/2	15/1	28	25	18”	100/50/20	5,71	3,84
203,2	8	233,2	9,18	2,7	30/2	15/1	28	25	22”	50/20	9,70	6,52
254,0	10	295,0	11,61	2,9	25/1.7	12/.82	26	20	26”	20	16,25	10,92

RoHS(10)

UREFLEX-2

Polyurethane-lined abrasion-resistant. PVC material handling hose. For dry applications.

Tuyau en PVC avec tube en polyurethane pour les materiaux très abrasifs. Pour applications seches.

Tube: Thick smooth heavy duty polyurethane lining - additional abrasion-resistant
Reinforcement: Static-dissipative compound, sub-zero flexibility
Cover: Black HMW PVC conveluted
Use: Industrial vacuum equipment; sand/shot blast recovery line; abrasive material transfer...
Temperature: -40°C +68°C (-40 °F +150 °F)

Tube: Polyurethane avec doublure lisse et épaisse - résistant à l’abrasion
Armature: Statique composé dissipatifs, lexibilité en “sub-zero”
Revetement: PVC HMV noir ondulée
Application: Aspiration industrielle; ligne de recuperation pour sableuse/greailleuse; transfert de material abraisives.
Température: -40°C +68°C (-40 °F +150 °F)

				psi/bar		Vacuum Rating (inches Hg)		Approx.Bending Radius @68°F	Standard Length (Ft.)		
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F			kg/m	lb(ft)/lb(pi)
38,1	1 1/2	46,2	1,82	20/1.3	7/.48	22	14	0,75”	50	0,34	0,23
50,8	2	60,7	2,39	15/1	6/.41	21	12	1,5”	50	0,48	0,32
63,5	2 1/2	73,4	2,89	10/.68	5/.34	19	10	1,5”	50	0,58	0,39
76,2	3	87,9	3,46	10/.68	5/.34	18	10	2,5”	50	0,82	0,55
101,6	4	114,3	4,50	8/.55	4/.27	13	8	3”	50	1,15	0,77
127,0	5	139,7	5,50	7/.48	3/.20	10	7	4”	50	1,32	0,89
152,4	6	166,1	6,54	6/.41	3/.20	7	5	5”	50	1,71	1,15
203,2	8	218,2	8,59	4/.27	2/.13	5	3	7”	50	2,60	1,75

RoHS(10)

UREVAC-1

Standard duty Polyurethane lightweight blower & ducting hose.

Tuyeau service standard en Polyurethane - léger, soufleuse et conduites.

Tube: Lightweight polyurethane construction
Reinforcement: High abrasion-resistant, sub-zero flexibility
Cover: Green exposed helix design
Use: Abrasive material chutes: Insulation blowing; Lawn, leaf collection; Fume removal; Concrete surface prep. equip.
Temperature: -40°C +68°C (-40 °F +150 °F)

Tube: Polyurethane léger
Armature: Haute résistance à l’abraison, flexibilité sub-zero
Revetement: vert, hélice de fils
Application: Produits abrasif; souflage d’isolation; Collection de feuilles sur gazon ; enlévement de vapeur; Equipement de préparation de surfaces en béton;
Température: -40°C +68°C (-40 °F +150 °F)

BULK MATERIALS

ALFAGOMMA

mm	inch/Po	mm	inch/Po	Approx Linear Thickness (mm)	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Min Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
38,1	1 1/2	47,5	1,87	0,7	25/1.7	10	22	16	1,5”	60	0,43	0,29
50,8	2	62,7	2,47	0,8	25/1.7	10	21	14	2,5”	60	0,60	0,40
63,5	2 1/2	75,2	2,96	1,0	20/1.3	8	19	12	3”	60	0,79	0,53
76,2	3	89,8	3,54	1,1	20/1.3	8	18	11	4”	60	1,00	0,67
101,6	4	116,1	4,57	1,1	15/1	7	13	9	6”	60	1,52	1,02
127,0	5	141,7	5,58	1,1	15/1	7	10	7	8”	60	1,82	1,22
152,4	6	168,1	6,62	1,1	10/.68	5	7	5	10”	60	2,50	1,68
203,2	8	220,2	8,67	1,1	10/.68	5	5	3	14”	20	3,33	2,24

RoHS(10)

UREVAC-2

Standard duty Polyurethane-lined lightweight PVC material handling hose.

Tuyau service standard avec doublure en Polyurethane - PVC léger.

Tube: Polyurethane-lined HMW PVC
Reinforcement: High abrasion-resistant, sub-zero flexibility
Cover: Black external PVC reinforcing helix
Use: Grain/rooftop clean-up wand hose; Insulation blowing; Lawn, leaf & mulch collection.
Temperature: -40°C +65°C (-40 °F +150 °F)

Tube: PVC HMW avec doublure en Polyurethane
Armature: Haute résistance à l’abraison, flexibilité sub-zero
Revetement: Exterieure noir en PVC, hélice de fils
Application: Grains/nettoyage de toiture, souflage d’isolation; Collection de feuilles et paillis sur gazon.
Température: -40°C +65°C (-40 °F +150 °F)

mm	inch/Po	mm	inch/Po	Approx Linear Thickness (mm)	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Min Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
38,1	1 1/2	47,5	1,87	0,7	25/1.7	10	22	16	1,5”	60	0,43	0,29
50,8	2	62,7	2,47	0,8	25/1.7	10	21	14	2,5”	60	0,60	0,40
63,5	2 1/2	75,2	2,96	1,0	20/1.3	8	19	12	3”	60	0,79	0,53
76,2	3	91,4	3,60	1,1	40/2.75	20/1.38	FULL	28	9”	100/50	1,35	0,91
101,6	4	116,1	4,57	1,1	35/2.41	17/1.17	28	25	12”	100/50	2,23	1,50
127,0	5	141,7	5,58	1,1	35/2.41	17/1.17	28	25	14”	50/20	2,71	1,82
152,4	6	168,1	6,62	1,1	30/2.07	15/1.03	25	20	16”	50/20	3,33	2,24
203,2	8	220,2	8,67	1,1	30/2.07	15/1.03	25	20	18”	50/20	4,46	3,00

RoHS(10)

UREVAC-3

Heavy duty Polyurethane-lined material handling hose with grounding wire.

Tuyau service sévère avec doublure en Polyurethane - avec anti-statique incorporé.

Tube: Polyurethane-lined HMW PVC
Reinforcement: High abrasion-resistant, sub-zero flexibility
Cover: Black external PVC reinforcing helix
Use: Grain/rooftop clean-up wand hose; Insulation blowing; Lawn, leaf & mulch collection.
Temperature: -40°C +65°C (-40 °F +150 °F)

Tube: PVC HMW avec doublure en Polyurethane
Armature: Haute résistance à l’abraison, flexibilité sub-zero
Revetement: Exterieure noir en PVC, hélice de fils
Application: Grains/nettoyage de toiture, souflage d’isolation; Collection de feuilles et paillis sur gazon.
Température: -40°C +65°C (-40 °F +150 °F)

ALFAGOMMA

SERIES	mm	inch	mm	inch	psi/bar 68 °F / 104 °F	68 °F	104 °F	% @ 68 °F	kg/m	lb/ft
GT/GTG150	38.1	1.5	46.2	1.82	20 / 7 1.3/.48	2	14	1”	0.34	0.23
GT/GTG200	50.8	2	60.8	2.39	15 / 6 1/.41	21	12	2”	0.45	0.30
GT/GTG250	63.5	2.5	73.4	2.89	10 / 5 .68/.34	19	10	2”	0.58	0.39
GT/GTG300	76.2	3	87.9	3.46	10 / 5 .68/.34	18	10	3”	0.75	0.50
GT/GTG350	88.9	3.5	102.0	4.02	9 / 4 .62/.27	15	8	3”	1.01	0.68
GT/GTG400	101.6	4	114.3	4.50	8 / 4 .55/.27	13	7	3”	1.15	0.77
GT/GTG500	127.0	5	139.7	5.50	7 / 3 .48/.20	10	6	5”	1.35	0.91
GT/GTG600	152.4	6	166.1	6.54	6 / 3 .41/.20	7	5	6”	1.61	1.08
GT/GTG800	203.2	8	218.2	8.59	4 / 2 .27/.13	5	3	8”	2.59	1.74
GT/GTG1000	254.0	10	296.6	11.68	2 / - .13/ -	2	-	10”	4.02	2.70

Series GT

Light-duty PVC dust collection and blower hose

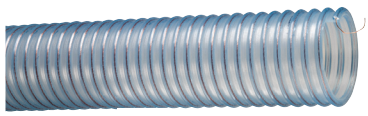
Tuyau PVC - sErvice léger Collecte de poussière et soufleusse

Construction: GT-series:Clear PVC with grey helix;

Reinforcement: Exposed helix provides extreme flexibility; Slides easily for ease of handling
Use: Dust collection, fume removal. air vent lines, material chutes, air seeder lines.
Temperature: -20°C +68°C (-4 °F +150 °F)

Construction: Serie GT: PVC transparent avec hélice gris; Serie GTG: PVC gris avec hélice gris
Armature: Hélice exposé offre une souplesse extrême; Glisse aisément pour faciliter la manutention
Application: Dépoussiérage, l’élimination des fumées. lignes de conduits d’air, chutes de matières, lignes de semoir a air.
Température: -20°C +68°C (-4 °F +150 °F)

mm	inch/Po	mm	inch/Po	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Min Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
76,2	3	86,0	3,39	35/2.41	15/1.03	28	25	10”	100/20	2,23	1,5
101,6	4	123,0	4,84	30/2.07	15/1.03	28	25	12”	100/50/20	2,91	1,96
127,0	5	149,0	5,87	30/2.07	15/1.03	25	22	13”	100/50/20	3,72	2,50
152,4	6	175,5	6,91	30/2.07	15/1.03	25	22	16”	100/50/20	4,73	3,18



Plas-T-Flo™ - PF™ Series

Heavy duty Polyurethane Material handling hose with Grounding Wire

Tuyau service severe avec fil anti-static

Tube: Polyurethane - PVC
Reinforcement: High abrasion-resistant, sub-zero flexibility
Cover: Transparent external PVC with reinforcing helix
Use: Milling machine scrap recovery, plastic processing equipment, bulk truck and railcar unloading
Temperature: -40°C +65°C (-40 °F +150 °F)

Tube: PVC - Polyurethane
Armature: Haute résistance à l’abraison, flexibilité sub-zero
Revetement: Exterieure transparent en PVC avec hélice de fils
Application: Récupération débris Fraiseuse, équipement de transformation de plastique, déchargement des wagons et de camions de produits de vrac
Température: -40°C +65°C (-40 °F +150 °F)

BULK MATERIALS

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Approx.Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
101,6	4	116,0	4,57	35/2.4	15/1	Full	28	8”	100	2,01	1,35
127,0	5	142,6	5,61	30/2	12/.82	24	22	14”	100	2,60	1,75
153,4	6	172,4	6,79	25/1.7	10/.68	24	22	16”	100	3,60	2,42

Series MULCH

Abrasion-resistant PVC mulch & bark transfer hose.

Tuyau de transfert en PVC, résistant à l’abrasion pour paillis & écorses

Tube: Specialy-blended, highly flexible clear PVC compound construction with bright red helix
Reinforcement: Superb durability in worst rain, snow or cold weather!
Cover: See-through, smooth bore construction
Use: Mulch or bark-blowing ground cover; Moist or dry applications; Delivery of wood fiber, playground surfacing material; Seed or compost materials
Temperature: -40°C +68°C (-4 °F +150 °F)

Tube: Mélange spéciale de PVC transparent, haute flexibilité, composé de hélix rouge vif.
Armature: Durabilité superbe dans les pire des pluies, neiges et froids.
Revetement: Transparent, lisse
Application: Soufleuse pour paillis ou écorses, applications humide ou mouillé, Refoulement de fibre de bois , produits de surface pour aire de jeux, aspiration industrielle; materieaux de grains ou compostage.
Température: -40°C +68°C (-40 °F +150 °F)

mm	inch/Po	mm	inch/Po	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Approx.Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
25,4	1	33,0	1,30	55/3.7	35/2.4	Full	28	1”	100	0,31	0,21
31,7	1 1/4	40,6	1,60	50/3.4	30/2	Full	28	2”	100	0,42	0,28
38,1	1 1/2	47,0	1,85	50/3.4	30/2	Full	28	2”	100	0,51	0,34
50,8	2	61,0	2,40	50/3.4	30/2	Full	28	3”	100	0,77	0,52
63,5	2 1/2	75,9	2,99	45/3.1	25/1.7	Full	28	4”	100	1,15	0,77
76,2	3	92,5	3,64	45/3.1	25/1.7	Full	28	6”	100	1,76	1,18

The following sizes are formulated with low temperature compounds.

mm	inch/Po	mm	inch/Po	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Approx.Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
101,6	4	121,0	4,76	35	18	Full	28	8”	100	2,86	1,92
127,0	5	146,0	5,75	35	18	28	25	12”	100/20	3,60	2,42
152,4	6	177,8	7,00	30	15	28	25	14”	100/20	5,60	3,76
203,2	8	233,2	9,18	30	15	28	25	24”	40/20	8,91	5,99
254,0	10	293,5	11,56	25	12	28	25	39”	40/20	14,49	9,74
304,8	12	346,5	13,64	20	10	28	25	59”	40/20	19.00	12,77

Series W

Heavy duty PVC multi-purpose suction hose.

Tuyau à succion multiple-usage, service sévère.

Tube: Clear PVC contruction with grey helix
Reinforcement: HMW PVC compound for greater flexibility in sub-zero temperatures
Cover: Conveluted design for greater flexibility
Use: Full-vacuum suction; Trash pump hose; Construction & mining; Slurry handling; Heavy duty gold dredging; Irrigation lines
Temperature: 1”-3”: -20°C +68°C (-4 °F +150 °F) & 4”-12”: -40°C +68°C (-40 °F +150 °F)

Tube: PVC transparent
Armature: Hélice gris
Revetement: Ondulée
Application: Pompage de déchets, chantiers de construction, mines, irrigation
Température: 1”-3”: -20°C +68°C (-4 °F +150 °F) & 4”-12”: -40°C +68°C (-40 °F +150 °F)

				psi/bar		Vacuum Rating (inches Hg)		Min. Bending Radius @68°F	Standard Length (Ft.)		
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F			kg/m	lb(ft)/lb(pi)
25,4	1	35,5	1,40	65/4.4	45/3.1	Full	28	2”	100	0,42	0,28
31,8	1 1/4	41,4	1,63	60/4.1	40/2.7	Full	28	3”	100	0,49	0,33
38,1	1 1/2	49,0	1,93	50/3.4	35/2.4	Full	28	3”	100	0,65	0,44
50,8	2	63,8	2,51	50/3.4	35/2.4	Full	28	5”	100	1,00	0,67
63,5	2 1/2	78,0	3,07	45/3.1	30/2	Full	28	5,5”	100	1,41	0,95
76,2	3	91,5	3,60	45/3.1	30/2	Full	26	7”	100	1,70	1,14
101,6	4	119,5	4,70	40/2.7	25/1.7	Full	26	11,5”	100	2,74	1,84
152,4	6	174,0	6,85	30/2	20/1.3	28	24	20”	100/20	4,60	3,07

certified assembly

Super Flex & Abraision Resistant/ Super Flex Abraison			
10 ft	15 ft	20 ft	25 ft
CDN$			

Note: Assembled with parts C and combination nipple with 2-band clamps.
Accouplez avec parties C et mamelon mâle plus 2-collets.

278/Series TG - 300EPDM

Tiger™ Green: 300EPDM

EPDM Suction Hose for outdoor wet or dry applications.

Tuyau exterieure de succion EPDM pour application mouillé et sec.

Tube: Black flexible EPDM rubber with bright GREEN polyethylene helix construction
Reinforcement: Superior EPDM compounds
Cover: Conveluted design-eliminates build-up
Use: Septic handling; Liquid waste, slurries; Liquid & dry chemical; Agriculture liquid & dry fertilizers; Grains, seeds; Water transfer; Mining; Construction, rental equipment, sewer cleaning, plant maintenance
Temperature: -40 °C + 71 °C (-40 °F +160 °F)

Tube: EPDM noir, caoutchouc flexible avec construction polyethylene en hélice vert vif.
Armature: composition de EPDM supérieur
Revetement: Ondulée-elimine bloquage
Application: Manutention septiques, les déchets liquides, boues, chimiques liquides et en poudre, Agricultures liquides et engrais sèche; graines, transfert d’eau, mines, construction, matériel de location, nettoyage des égouts, entretien d’usine.
Temperature: -40 °C + 71 °C (-40 °F +160 °F)

				psi/bar		Vacuum Rating (inches Hg)		Min. Bending Radius @68°F	Standard Length (Ft.)		
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F			kg/m	lb(ft)/lb(pi)
25,4	1	35,5	1,40	65/4.4	45/3.1	Full	28	2”	100	0,42	0,28
31,8	1 1/4	41,4	1,63	60/4.1	40/2.7	Full	28	3”	100	0,49	0,33
38,1	1 1/2	49,0	1,93	50/3.4	35/2.4	Full	28	3”	100	0,65	0,44
50,8	2	63,8	2,51	50/3.4	35/2.4	Full	28	5”	100	1,00	0,67
76,2	3	91,5	3,60	45/3.1	30/2	Full	26	7”	100	1,70	1,14
101,6	4	119,5	4,70	40/2.7	25/1.7	Full	26	11,5”	100	2,74	1,84

Series TY - Tiger™ Yellow

EPDM Suction Hose for outdoor wet or dry applications.

Tuyau exterieure de succion EPDM pour application mouillé et sec.

Tube: Black flexible EPDM rubber with bright YELLOW polyethylene helix construction
Reinforcement: Superior EPDM compounds
Cover: Conveluted design-eliminates build-up
Use: Septic handling; Liquid waste, slurries; Liquid & dry chemical; Agriculture liquid & dry fertilizers; Grains, seeds; Water transfer; Mining; Construction, rental equipment, sewer cleaning, plant maintenance
Temperature: -40 °C + 71 °C (-40 °F +160 °F)

Tube: EPDM noir, caoutchouc flexible avec construction polyethylene en hélice jaune vif.
Armature: composition de EPDM supérieur
Revetement: Ondulée-elimine bloquage
Application: Manutention septiques, les déchets liquides, boues, chimiques liquides et en poudre, Agricultures liquides et engrais sèche; graines, transfert d’eau, mines, construction, matériel de location, nettoyage des égouts, entretien d’usine.
Température: -40 °C + 71 °C (-40 °F +160 °F)

BULK MATERIALS

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Min. Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
31,8	1 1/4	43,2	1,70	100/7	75/5	Full	28	3”	100	0,61	0,41
38,1	1 1/2	50,7	2,00	100/7	75/5	Full	28	3”	100	0,76	0,51
50,8	2	64,5	2,54	100/7	75/5	Full	28	5”	100	1,09	0,73
76,2	3	92,0	3,62	90/6.2	65/4.4	Full	26	8”	100	1,76	1,18

Series TSD - Tiger™ - SD

EPDM Suction & Discharge Hose for outdoor wet or dry applications.

Tuyau d’aspiration et de refoulement en EPDM pour applications en plein air humide ou sec.

Tube: Black flexible EPDM rubber with black polyethylene helix construction
Reinforcement: Superior EPDM compounds
Cover: Conveluted design-eliminates build-up
Use: Wet or dry suction & discharge apllications; Marine liquid waste; Slurries; Agricultural chemical; Liquid & dry fertilizers; Grains, seeds; Water transfer; Construction, industrial, mining applications; Water jetting leader hose
Safety factor: 4:1
Temperature: -40 °C + 71 °C (-40 °F +160 °F)

Tube: Caoutchouc noir souple en EPDM avec construction d’hélice polyéthylène noir
Armature: Construction supérieure en EPDM
Revetement: Ondulée - élimine l’accumulation
Application: Manutention septiques, les déchets liquides, boues, Agricultures chimiques, engrais sèche et liquides; graines, transfert d’eau, mines, tuyau principal pour jet d’eau.
Température: -40°C +71°C (-40 °F +160 °F)

mm	inch/Po	mm	inch/Po	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Min. Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
50,8	2	60,5	2,38	32/2.2	23/1.5	Full	28	1,5”	50/100	0,74	0,50
76,2	3	90,5	3,56	28/1.9	20/1.3	Full	26	2,5”	50/100	1,49	1,00
101,6	4	118,5	4,67	26/1.7	18/1.2	Full	26	4,5”	50/100	2,53	1,70
126,8	5	145,5	5,73	21/1.4	16/1.1	28	24	5,0”	50/100	3,54	2,38
152,4	6	174,8	6,88	19/1.3	13/.89	28	24	9,5”	20/50/100	4,76	3,20

Tiger - TR1™/T780 180AR

Tube: Rubber blend hose with rigid PVC helix
Reinforcement: Superior rubber compounds
Cover: Conveluted design-eliminates build-up
Use: Wet or dry vacuuming; Abrasive material transfer; Grain handling; Sand/shot blast recovery line; Roof rock cleaning; Fly ash collection; Milling machine metal chip recovery; Road crush vacuuming; Municipal vacuum trucks
Temperature: -40 °C + 68°C (-40 °F +150 °F)

Tube: Mélange de caoutchouc noir avec hélice en PVC rigide.
Armature: Construction supérieure en caoutchouc
Revetement: Ondulée - élimine l’accumulation
Application: Aspirateur humide ou sec; le transfert de materiaux abrasifs, la manutention des grains; récupération de sable/grenaillage, le nettoyage de porte-bagages sur toit, la collecte de cendres volantes; récupération de copeaux de métal de machine d’usine de moulin; aspirateur d’écrase routière, des camions d’aspirateurs municipaux.
Température: -40°C +68°C (-40 °F +150 °F)

A superior value compared to the other brands!
Superior flexibility: 15% better.
Superior abrasion resistance: 20% better.

counter clockwise wound
left hand spiral

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar 68°F	psi/bar 104°F	Vacuum Rating (inches Hg) 68°F	Vacuum Rating (inches Hg) 104°F	Min. Bending Radius @68°F	Standard Length (Ft.)	kg/m	lb(ft)/lb(pi)
101,6	4	117,2	117,6	22/1.52	14/.97	28	24	4”	100/20	2,14	1,44
127,4	5	143,9	144,3	18/1.24	12/.83	26	20	4,5”	100/50	3,17	2,13

Tiger - TR2™
TR2™ - Series

Tube: Rubber blend hose with rigid PVC helix
Reinforcement: Superior rubber compounds
Cover: Conveluted design-eliminates build-up
Use: Wet or dry vacuuming; Abrasive material transfer; Grain handling; Sand/shot blast recovery line; Roof rock cleaning; Fly ash collection; Milling machine metal chip recovery; Road crush vacuuming; Municipal vacuum trucks
Temperature: -40 °C + 68°C (-40 °F +150 °F)

Tube: Mélange de caoutchouc noir avec hélice en PVC rigide.
Armature: Construction supérieure en caoutchouc
Revetement: Ondulée - élimine l’accumulation
Application: Aspirateur humide ou sec; le transfert de materiaux abrasifs, la manutention des grains; récupération de sable/grenaillage, le nettoyage de porte-bagages sur toit, la collecte de cendres volantes; récupération de copeaux de métal de machine d’usine de moulin; aspirateur d’écrase routière, des camions d’aspirateurs municipaux.
Température: -40°C +68°C (-40 °F +150 °F)

A superior value compared to the other brands!
Superior flexibility: 15% better.
Superior abrasion resistance: 20% better.

CONCRETE / BÉTONS

754AA Concrete vibrator 10 bar (150 psi) 103

737AA Concrete pumping 40 bar (600 psi) 103

738AA Concrete pumping 55 bar (800 psi) 104

740AA Concrete pumping 85 bar (1275 psi) - heavy duty - steel reinforced 104

COUPLINGS

CONCRETE COUPLINGS COMPLETE WITH PRE-CRIMPED FERRULES

Victaulic style - Hardened insert..... 105
Shouldered style - Hardened insert..... 105
Heavy duty raised end - California style - Hardened insert..... 105
Schwing style - Female - Hardened insert..... 106
Schwing style - Male - Hardened insert..... 106
Male BSPT - Hardened insert..... 106
Male NPT - Hardened insert..... 106

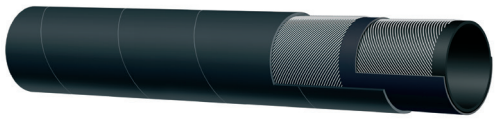
750AA Sandblast 10 bar (150 psi) 107

753AA Sandblast - premium quality - 10 bar (150 psi) 107

759AK Gunite 10 bar (150 psi) 108

757AA Plaster 40 bar (600 psi) 108

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	150/10				0,680	0,460
25	1	39	1,54	150/10				1,010	0,680
30	1 3/16	45	1,77	150/10				1,380	0,930



754AA

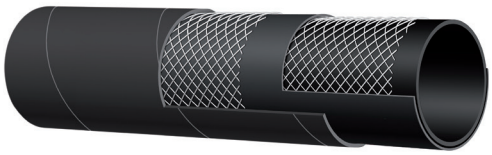
Concrete vibrator 10 bar (150 psi)

Vibreur de béton 10 bar (150 psi)

Tube: Black SBR
Reinforcement: High tensile textile cords
Cover: Black SBR - abrasion and ozone resistant
Use: Pneumatic concrete vibrators
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: SBR noir
Armature: Nappes textiles haute tenacité
Revetement: SBR noir - résistant à l'abrasion et à l'ozone
Application: air comprimé pour vibreurs a béton
Normes de sécurité : 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	69	2,72	600/40				1,850	1,240
76	3	104	4,09	600/40				4,410	2,960
90	3 1/2	118	4,65	600/40				5,170	3,470
102	4	130	5,12	600/40				5,850	3,930



737AA

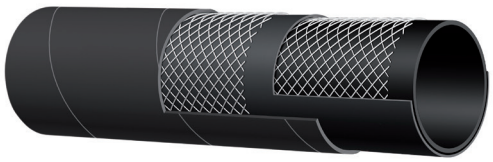
Concrete pumping 40 bar (600 psi)

Pompage de béton 40 bar (600 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Concrete pumping
Safety factor: 2,5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant à l'abrasion
Armature: Nappes textiles haute tenacité
Revetement: Mélange SBR/NR noir conducteur - résistant à l'abrasion et à l'ozone
Application: Pompage de béton
Normes de sécurité : 2,5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
76	3	104	4,09	800/55				4,550	3,060
102	4	130	5,12	800/55				5,840	3,920



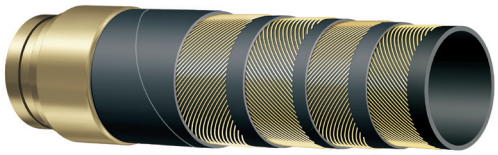
738AA

Concrete pumping 55 bar (800 psi)
Pompage de béton 55 bar (800 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Blue conductive SBR/NR - abrasion and ozone resistant
Use: Concrete pumping
Safety factor: 76 mm 3:1 102 mm 2:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - resistant a l'abrasion
Armature: Nappes de cable haute tenacité
Revetement: Mélange de SBR/NR noir - résistant à l'abrasion et à l'ozone
Application: pompage de béton
Normes de sécurité : 76 mm 3:1 102 mm 2:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	69	2,72	1275/85	255	10,00		2,160	1,450
63	2 1/2	85	3,35	1275/85	265	10,50		3,380	2,270
76	3	100	3,94	1275/85	380	15,00		4,590	3,080
90	3 1/2	116	4,57	1275/85	450	17,50		5,930	3,990
102	4	128	5,04	1275/85	510	20,00		7,510	5,050
127	5	155	6,10	1275/85	635	25,00		10,940	7,350



740AA

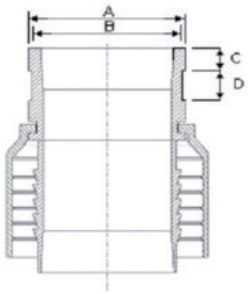
Concrete pumping 85 bar (1275 psi) heavy duty - steel reinforced
Pompage de béton 85 bar (1275 psi) - service sévère

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile steel cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: High pressure concrete pumping
Safety factor: 2:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - resistant a l'abrasion
Armature: Nappes de cable haute tenacité
Revetement: Mélange de SBR/NR noir - résistant à l'abrasion et à l'ozone
Application: pompage de béton a forte pression dans les points de coulée - service sévère.
Normes de sécurité : 2:1
Température: -30 °C +80 °C (-22 °F +176 °F)

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE

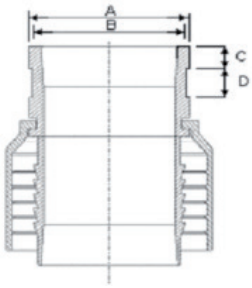
Victaulic style - Hardened insert



Code	Hose ID in	Hose ID mm	Head DN in	Head A mm	Head B mm	Head C mm	Head D mm	Material
IV39VL00-051089	2	51	3	88,9	84,9	16	20	HARDENED STEEL
IV39VL00-063089	2 1/2	63	3	88,9	84,9	16	20	HARDENED STEEL
IV39VL00-076089	3	76	3	88,9	84,9	16	20	HARDENED STEEL
IV39VL00-076097	3	76	3 1/4	97	88,5	16	20	HARDENED STEEL
IV39VL00-102114	4	102	4	114,3	108,3	17	20	HARDENED STEEL
IV39VL00-102127	4	102	4 1/2	127	115	17	20	HARDENED STEEL
IV39VL00-127142	5	127	5	142	133	17	20	HARDENED STEEL
IV39VL00-127148	5	127	5 1/2	148	139	17	20	HARDENED STEEL
IV39VL00-152168	6	152	6	168,3	159	17	20	HARDENED STEEL

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE

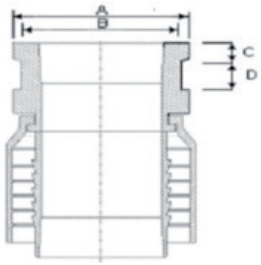
Shouldered style - Hardened insert



Code	Hose ID in	Hose ID mm	Head DN in	Head A mm	Head B mm	Head C mm	Head D mm	Material
IV39RL00-051067	2	51	2	66,5	59,5	16	20	HARDENED STEEL
IV39RL00-063097	2 1/2	63	3	97	88,5	16	20	HARDENED STEEL
IV39RL00-076097	3	76	3	97	88,5	16	20	HARDENED STEEL
IV39RL00-090122	3 1/2	90	4	122	115	17,5	20	HARDENED STEEL
IV39RL00-102122	4	102	4	122	115	17,5	20	HARDENED STEEL

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE

Heavy duty raised end - California style - Hardened insert

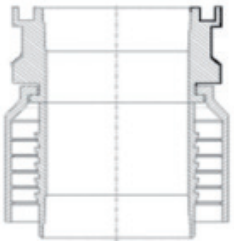


Code	Hose ID in	Hose ID mm	Head DN in	Head A mm	Head B mm	Head C mm	Head D mm	Material
IV39JL00-051078	2	51	2	77,7	69,9	12,7	20	HARDENED STEEL
IV39JL00-063082	2 1/2	63	2 1/2	82,3	73,2	12,3	20	HARDENED STEEL
IV39JL00-076106	3	76	3	106,2	97	12,7	20	HARDENED STEEL
IV39JL00-102132	4	102	4	131,6	122	15,2	20	HARDENED STEEL
IV39JL00-127157	5	127	5	157	147,3	15,2	20	HARDENED STEEL
IV39VL00-152168	6	152	6	168,3	159	17	20	HARDENED STEEL

CONCRETE / BÉTONS

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE

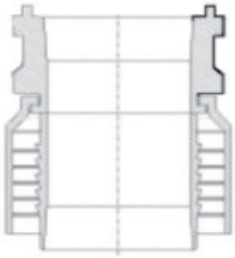
Schwing style - Female - Hardened insert



Code	Hose ID in	Hose ID mm	Head DN in	Head A mm	Material
IV39WF00-102102	4	102	4	148	HARDENED STEEL
IV39WF00-127127	5	127	5	166	HARDENED STEEL

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE

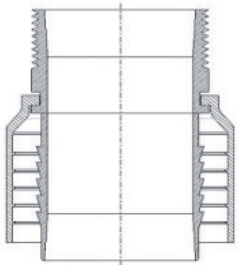
Schwing style - Male - Hardened insert



Code	Hose ID in	Hose ID mm	Head DN in	Head A mm	Material
IV39WM00-102102	4	102	4	148	HARDENED STEEL
IV39WM00-127127	5	127	5	166	HARDENED STEEL

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE

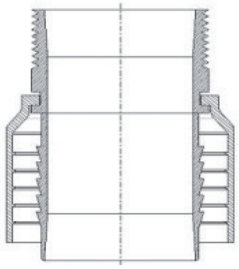
Male BSPT - Hardened insert



Code	Hose ID in	Hose ID mm	Thread in	Thread type	Material
IV307M00-051060	2	51	2	BSPT	HARDENED STEEL
IV307M00-076090	3	76	3	BSPT	HARDENED STEEL

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED

Male NPT - Hardened insert

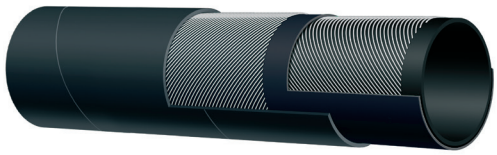


Code	Hose ID in	Hose ID mm	Thread in	Thread type	Material
IV328M00-051060	2	51	2	NPT	HARDENED STEEL
IV328M00-076090	3	76	3	NPT	HARDENED STEEL

SANDBLAST & GUNITE / SABLAGE ET GUNITAGE

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	33	1,30	150/10				0,710	0,480
19	3/4	35	1,38	150/10				0,830	0,560
25	1	40	1,57	150/10				0,870	0,585
32	1 1/4	48	1,89	150/10				1,240	0,835
38	1 1/2	55	2,17	150/10				1,650	1,110
40	1 9/16	60	2,36	150/10				1,930	1,300
51	2	71	2,80	150/10				2,400	1,615
19	3/4	38	1,50	150/10				1,000	0,675
25	1	48	1,89	150/10				1,540	1,035
32	1 1/4	55	2,17	150/10				1,830	1,230
38	1 1/2	60	2,36	150/10				2,080	1,400
51	2	73	2,87	150/10				2,630	1,770

65 mm³



750AA

Sandblast 10 bar (150 psi)

Sablage 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant - pin pricked
Use: Sandblast
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

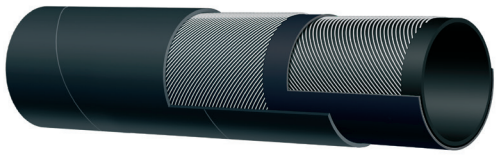
Tube: NR noir conducteur - résistant à l'abrasion
Armature: Nappes textiles haute tenacité
Revetement: Mélange SBR/NR noir conducteur - résistant à l'abrasion et à l'ozone - Micro perfore
Application: Equipement de sableuse
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

We recommend DIXON couplings.

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	27	1,06	150/10				0,500	0,340
19	3/4	33	1,30	150/10				0,640	0,435
25	1	40	1,57	150/10				0,790	0,535
32	1 1/4	48	1,89	150/10				1,140	0,770
38	1 1/2	55	2,17	150/10				1,490	1,005
51	2	71	2,80	150/10				2,140	1,440
25	1	48	1,89	150/10				1,400	0,945
32	1 1/4	55	2,17	150/10				1,670	1,125
38	1 1/2	60	2,36	150/10				1,900	1,280
51	2	73	2,87	150/10				2,410	1,620
19	3/4	40	1,57	150/10				1,030	0,695
38	1 1/2	62	2,44	150/10				2,100	1,415
51	2	76	2,99	150/10				2,650	1,785

TOP

50 mm³



753AA

Sandblast - premium quality - 10 bar (150 psi)

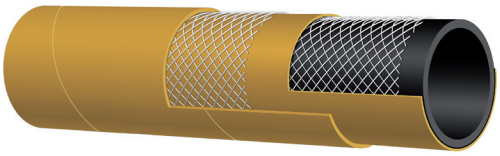
Sablage Superieur - 10 bar (150 psi)

Tube: Premium black conductive NR - abrasion resistance 50 mm³ (ISO 4649/A)
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant - pin pricked
Use: Sandblast. Designed for long service life in heavy duty applications
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur superieur-résistant a l'abrasion env.50 Mm3 (iso 4649/a)
Armature: Nappes textiles haute tenacité
Revetement: mélange sbr/nr noir conducteur - micro perfore - résistant à l'abrasion et à l'ozone
Application: installations de sablage. Concu pour longue durée en service sévère.
Normes de sécurité : 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

We recommend DIXON couplings.

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
32	1 1/4	53	2,09	150/10				1,710	1,150
38	1 1/2	62	2,44	150/10				2,380	1,600
51	2	75	2,95	150/10				2,990	2,010



759AK

Gunite 10 bar (150 psi)

Gunitage 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Yellow SBR/EPDM - abrasion and ozone resistant - pin pricked
Use: Gunite
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant à l'abrasion
Armature: Nappes textiles haute tenacité
Revetement: Mélange SBR/NR jaune - résistant à l'abrasion et à l'ozone - Micro perfore
Application: Gunitage
Normes de sécurité : 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1	38	1,50	600/40				0,720	0,480
32	1 1/4	46	1,81	600/40				0,900	0,600
35	1 3/8	49	1,93	600/40				0,990	0,670
38	1 1/2	54	2,13	600/40				1,220	0,820
51	2	67	2,64	600/40				1,650	1,110

757AA

Plaster 40 bar (600 psi)

Coulage De Mortier Et De Beton 40 bar (600 psi)

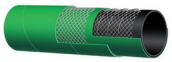
Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Plaster pumping
Safety factor: 2,5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant à l'abrasion
Armature: Nappes textiles haute tenacité
Revetement: SBR noir - résistant à l'abrasion et à l'ozone
Application: projection de mortier et de béton.
Normes de sécurité : 2.5:1
Température: -30 °C +80 °C (-22 °F +176 °F)

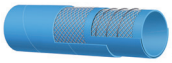
CHIMIQUES / CHEMICAL

202AA General purpose S&D 10 bar (150 psi) - EPDM 110

503AA Acid-chemical S&D 16 bar (240 psi) - EPDM exceeds EN 12115 110



505OG Acid-chemical S&D 16 bar (240 psi) - XLPE..... 111



509OE Acid-chemical S&D 16 bar (240 psi) - UHMWPE - FDA 111

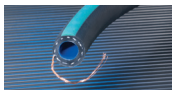
529AA Acid-chemical S&D 16 bar (240 psi) - UHMWPE - EN12115, EU 10/2011 A+B+C+D2..... 112

519OE Acid-chemical S&D 16 bar (240 psi) - UHMWPE FDA 112

5N551 Acid-chemical S&D 14 bar (200 psi) - heavy duty - BS 5842 end at ADR annexe 1 113

5N331 Acid-chemical S&D 14 bar (200 psi) - heavy duty - PTFE - BS 5842 end at ADR annexe 1... 113

5J533 Tank cleaning 10 bar (150 psi) BS 5842 end at ADR annexe 1..... 114

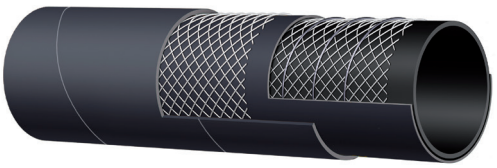


A4143S Medium Pressure Paint Fluid Transfer Hose A4143S Series (with static wire) 114

CHEMICAL / CHIMIQUES

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	29	1.14	150/10	76	3.00	100	0.550	0.370
25	1	35	1.38	150/10	100	4.00	100	0.680	0.460
32	1 1/4	42	1.65	150/10	128	5.00	100	0.810	0.540
38	1 1/2	48	1.89	150/10	152	6.00	100	0.930	0.630
51	2	61	2.40	150/10	204	8.00	100	1.220	0.820
60	2 3/8	72	2.83	150/10	240	9.50	100	1.750	1.180
63	2 1/2	75	2.95	150/10	252	10.00	90	1.760	1.180
76	3	88	3.46	150/10	304	12.00	90	2.100	1.410
90	3 1/2	102	4.02	150/10	360	14.00	90	2.640	1.770
102	4	114	4.49	150/10	408	16.00	90	2.950	1.980
127	5	141	5.55	150/10	635	25.00	80	4.670	3.140
152	6	166	6.54	150/10	760	30.00	80	5.840	3.920
203	8	221	8.70	150/10	1015	40.00	70	9.810	6.590



202AA

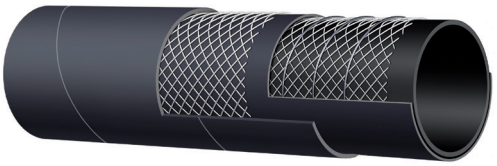
General Purpose S&D - 10 bar (150 psi)EPDM

EPDM usage géneral aspiration et refoulement - 10 bar (150 psi)

Tube: Black EPDM
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black EPDM - abrasion and ozone resistant
Use: Mild chemical and fertilizers suction and delivery in general industrial and agricultural applications.
Safety factor: <= 127 mm 3:1 >=152 mm 2.5:1
Temperature: -40 °C + 100 °C (-40 °F +212 °F)

Tube: EPDM noir
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: EPDM noir - résistant à l'abrasion et à l'ozone
Application: Aspiration et refoulement de chimiques douces et angres, pour application general dans les lindustries et agricoles.
Norme de sécurité: <= 127 mm 3:1 >=152 mm 2.5:1
Température: -40 °C +100 °C (-40 °F +212 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
19	3/4	31	1,22	240/16	125	5,00	90	0,700	0,470
25	1	37	1,46	240/16	150	6,00	90	0,860	0,580
32	1 1/4	44	1,73	240/16	175	7,00	90	1,030	0,690
38	1 1/2	51	2,01	240/16	225	9,00	90	1,180	0,790
51	2	67	2,64	240 /16	275	11,00	90	1,820	1,220
63	2 1/2	79	3,11	240/16	300	12,00	90	2,390	1,610
76	3	92	3,62	240/16	350	14,00	80	2,860	1,920
102	4	118	4,65	240/16	450	17,50	80	3,900	2,620



503AA

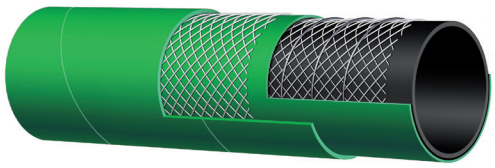
Acid-chemical S&D 16 bar (240 psi) - EPDM exceeds EN 12115

Aspiration et refoulement d'acides et de produits chimiques 16 bar (240 psi) - EPDM

Tube: Black EPDM
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black EPDM - abrasion, ozone and fire resistant
Use: Acid and chemical suction and delivery
Safety factor: 3:1
Temperature: -20 °C +65 °C (-4 °F +150 °F)

Tube: EPDM noir
Armature: Nappes textiles haute tenacité avec spirales acier noyées
Revetement: EPDM noir - résistant à l'abrasion, l'ozone et au feu
Application: Aspiration et refoulement d'acides et de produits chimiques.
Normes de sécurité: 3:1
Température: -20 °C +65 °C (-4 °F +150 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	240/16	188	7,50	90	0,690	0,460
25	1	37	1,46	240/16	225	9,00	90	0,850	0,570
32	1 1/4	44	1,73	240/16	263	10,25	90	1,010	0,680
38	1 1/2	51	2,01	240/16	338	13,25	90	1,160	0,780
51	2	65	2,56	240/16	275	10,82	90	1,524	1,024
63	2 1/2	79	3,11	240/16	450	17,50	90	2,320	1,560
76	3	92	3,62	240/16	525	20,75	80	2,780	1,870
102	4	118	4,65	240/16	675	26,50	80	3,780	2,540



505OG

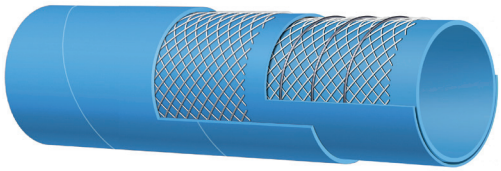
Acid-chemical S&D 16 bar (240 psi) - XLPE

Aspiration et refoulement d'acides et de produits chimiques 16 bar (240 psi) - XLPE

Tube: Trasparent XLPE (Cross Linked Polyethylene)
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Green EPDM - abrasion and ozone resistant
Use: Acid and chemical suction and delivery.
Suitable for 90% of existing chemicals
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: XLPE transparent (cross linked polyethylene)
Armature: Nappes textiles haute tenacité avec spirales acier noyées
Revetement: EPDM vert - résistant a l'abrasion et a l'ozone
Application: Aspiration et refoulement d'acides et de produits chimiques. Convient a 90% des produits chimiques existants - voir table de résistance chimique.
Normes de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	240/16	188	7,50	90	0,590	0,400
25	1	37	1,46	240/16	225	9,00	90	0,730	0,490
32	1 1/4	44	1,73	240/16	263	10,25	90	0,870	0,580
38	1 1/2	50	1,97	240/16	338	13,25	90	1,010	0,680
40	1 9/16	52	2,05	240/16	338	13,25	90	1,050	0,710
51	2	63	2,48	240/16	413	16,25	90	1,330	0,890
60	2 3/8	74	2,91	240/16	450	17,50	90	1,990	1,340
63	2 1/2	77	3,03	240/16	450	17,50	90	2,080	1,400
76	3	92	3,62	240/16	525	20,75	80	2,820	1,900
102	4	118	4,65	240/16	675	26,50	80	3,850	2,590



509OE

Acid-chemical S&D 16 bar (240 psi) - UHMWPE FDA

Aspiration et refoulement d'acides et de produits chimiques 16 bar (240 psi) - UHMWPE FDA

Tube: Transparent UHMWPE (Ultra High Molecular Weight Polyethylene)
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Blue EPDM - abrasion and ozone resistant
Use: Acid and chemical suction and delivery.
Suitable for 98% of existing chemicals
Safety factor: 3:1
Temperature: -40 °C +100 °C (-40 °F +212 °F)
DEPENDING ON CONVEYED CHEMICAL

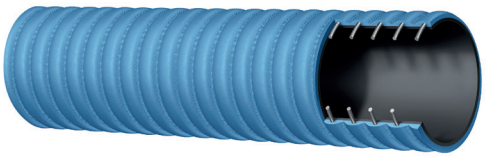
Tube: UHMWPE conducteur (ultra high molecular weight polyethylene)
Armature: nappes textiles haute tenacité avec spirales acier noyées **Revetement:** EPDM noir - résistant a l'abrasion, a l'ozone et a la flamme
Application:aspiration et refoulement d'acides et de produits chimiques. Convient a 98% des produits chimiques existants - voir table de résistance chimique.
Normes de sécurité: 3:1
Température: -40 °C +100 °C (-40 °F +212 °F)
DEPENDANT DE PRODUITS CHIMIQUES CONVOYÉS

CHEMICAL / CHIMIQUES

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	240/16	63,5	2,5	0,699	0,470
25	1	37	1,46	240/16	76	3,0	0,900	0,610
32	1 1/4	44	1,73	240/16	101	4,0	0,967	0,650
38	1 1/2	50	1,97	240/16	127	5,0	1,230	0,830
51	2	66	2,6	240/16	152	6,0	2,060	1,39
63	2 1/2	77	3,03	240/16	450	17,50	2,080	1,400
76	3	92	3,6	240/16	177	7,0	3,240	2,18
102	4	119	4,7	240/16	203	8,0	4,590	3,09

Also available in BLACK cover



519OE

Acid-chemical S&D 16 bar (240 psi) - UHMWPE FDA - Corrugated

Aspiration et refoulement d'acides et de produits chimiques 16 bar (240 psi) - UHMWPE FDA-Ondulé

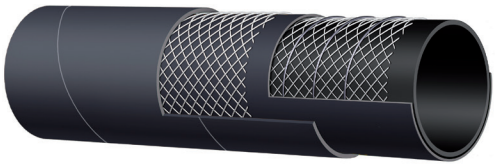
Tube: Transparent UHMWPE (Ultra High Molecular Weight Polyethylene)
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Blue EPDM - abrasion and ozone resistant
Use: Acid and chemical suction and delivery.
Suitable for 98% of existing chemicals
Safety factor: 3:1, 240psi (4:1 150 psi)
Temperature: -40 °C +100 °C (-40 °F +212 °F)
DEPENDING ON CONVEYED CHEMICAL

Tube: UHMWPE conducteur (ultra high molecular weight polyethylene)
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: EPDM noir - résistant a l'abrasion, a l'ozone et a la flamme
Application:aspiration et refoulement d'acides et de produits chimiques. Convient a 98% des produits chimiques existants - voir table de résistance chimique.
Normes de sécurité: 3:1, 240psi (4:1 150 psi)
Température: -40 °C +100 °C (-40 °F +212 °F)
DEPENDANT DE PRODUITS CHIMIQUES CONVOYÉS

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	240/16	188	7,50	90	0,590	0,400
25	1	37	1,46	240/16	225	9,00	90	0,730	0,490
32	1 1/4	44	1,73	240/16	263	10,25	90	0,870	0,580
38	1 1/2	50	1,97	240/16	338	13,25	90	1,010	0,680
40	1 9/16	52	2,05	240/16	338	13,25	90	1,050	0,710
51	2	63	2,48	240/16	413	16,25	90	1,330	0,890
60	2 3/8	74	2,91	240/16	450	17,50	90	1,990	1,340
63	2 1/2	77	3,03	240/16	450	17,50	90	2,080	1,400
76	3	92	3,62	240/16	525	20,75	80	2,820	1,900
102	4	118	4,65	240/16	675	26,50	80	3,850	2,590

Ω/T R≤10⁹Ω

Ω R≤10⁶Ω



529AA

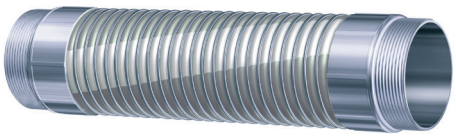
Acid-chemical S&D 16 bar (240 psi) - UHMWPE - EN 12115 EU 10/2011 A+B+C+D2

Aspiration et refoulement d'acides et de produits chimiques 16 bar (240 psi) - UHMWPE - EN 12115 EU 10/2011 A+B+C+D2

Tube: Transparent UHMWPE (Ultra High Molecular Weight Polyethylene)
Reinforcement: High tensile textile cords with embedded steel helix wire - anti static wire
Cover: Black EPDM - abrasion and ozone resistant
Use: Acid and chemical suction and delivery.
Suitable for 98% of existing chemicals
Safety factor: 4:1
Temperature: -30 °C +100 °C (-22 °F +212 °F)
Depending on the coneyed chemical

Tube: UHMWPE conducteur (ultra high molecular weight polyethylene)
Armature: nappes textiles haute tenacité avec spirales acier noyées, fil anti-statique
Revetement: EPDM noir - résistant a l'abrasion, a l'ozone et a la flamme
Application:aspiration et refoulement d'acides et de produits chimiques. Convient a 98% des produits chimiques existants - voir table de résistance chimique.
Normes de sécurité: 4:1
Température: -30 °C +100 °C (-22 °F +212 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1			200/14	100	4,00	90	0,940	0,630
40	1 1/2			200/14	140	5,50	90	1,150	0,770
50	2			200/14	150	6,00	90	1,500	1,010
63	2 1/2			200/14	175	7,00	90	2,100	1,410
65	2 5/8			200/14	175	7,00	90	2,300	1,550
75	3			200/14	250	10,00	90	2,500	1,680
80	3 1/8			200/14	250	10,00	90	3,150	2,120
100	4			200/14	350	14,00	90	5,400	3,630



5N551

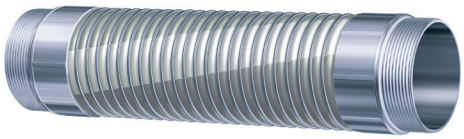
Acid-chemical S&D 14 bar (200 psi) - heavy duty BS 5842 end at ADR annexe 1

Aspiration et refoulement de produits chimiques 14 bar (200 psi) - BS 5842 arrêté ADR annexe 1

Inner wire: Polypropylene coated steel wire
Tube: Polypropylene film
Cover: Green PVC coated fabric
Outer wire: Galvanised steel wire
Use: Acid and chemical suction and delivery. Specially designed for tank truck applications
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: film pp supporte par spirale en acier revetu pp
Armature: films et toiles polypropylene superposes
Revetement: tissu enduit pvc vert maintenu par spirale en acier galvanise
Application: aspiration et refoulement de produits chimiques. specialement concu pour usage longue durée de transfert de soutes.
Normes de sécurité: 4:1
Température: -30°C +80°C (-22°F +176°F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
40	1 1/2			200/14	140	5,50	90	1,300	0,870
50	2			200/14	150	6,00	90	1,700	1,140
63	2 1/2			200/14	175	7,00	90	2,300	1,550
65	2 5/8			200/14	175	7,00	90	2,500	1,680
75	3			200/14	250	10,00	90	2,700	1,810
80	3 1/8			200/14	250	10,00	90	3,500	2,350
100	4			200/14	350	14,00	90	6,200	4,170



5N331

Acid-chemical S&D 14 bar (200 psi) - heavy duty PTFE
BS 5842 end at ADR annexe 1

Aspiration et refoulement de produits chimiques 14 bar (200 psi) - PTFE - haute Température
BS 5842 arrêté ADR annexe 1

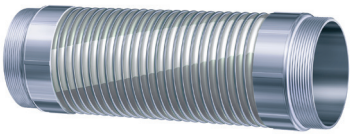
Inner wire: Stainless steel wire
Tube: PTFE film
Cover: Red PVC coated fabric
Outer wire: Galvanised steel wire
Use: Acid, chemical, fuel and solvents suction and delivery. Specially designed for long service life in heavy duty applications requiring resistance to high temperature
Safety factor: 4:1
Temperature: -30 °C +120 °C (-22 °F +248 °F)

Tube: film PFTE supporte par spiale acier inoxydable 316
Armature: films et toiles polypropylene superposes
Revetement: tissu enduit pvc vert maintenu par spirale en acier galvanise (possibilite avec spirale en acier inoxidable 316)
Application: aspiration et refoulement de produits chimiques. specialement concu pour usage longue durée en appontement et transfert de soutes ou une tenue aux hautes temperatures es requise.
Normes de sécurité: 4:1
Température: -30°C +120°C (-22°F +248°F)

CHEMICAL / CHIMIQUES

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
50	2			150/10	150	6,00	90	1,680	1,130
80	3 1/8			150/10	250	10,00	90	3,400	2,280



5J533

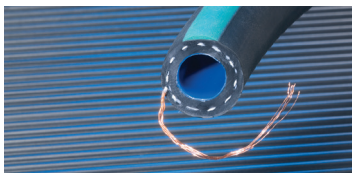
Tank cleaning 10 bar (150 psi) BS 5842 end at ADR annexe 1

Tank cleaning 10 bar (150 psi) BS 5842 arrêté ADR annexe 1

Inner wire: Stainless steel wire
Tube: Polypropylene film
Cover: Green PVC coated fabric
Outer wire: Stainless steel wire
Use: Tank cleaning
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Fil interieure: Fil en acier inoxydable
Tube: film PFTE
Revetement: toiles vertes en PVC superposes
Fil exterieure: Fil en acier inoxydable
Application: Nettoyage de réservoires
Normes de sécurité: 4:1
Température: -30°C +80°C (-22°F +176°F)

Item #	Temperature Range	mm	inch/Po	mm	inch/Po	psi/bar 70°F(20°C)	psi/bar 122°F (50°C)	Std. Length ft/pi	Approx.lb
A4143S-04X100	-40 to 125 °F / -40 to 52 °C	6.35	1/4	12.7	0.500	175/12	85/5.8	100	7.0
A4143S-04X500	-40 to 125 °F / -40 to 52 °C	6.35	1/4	12.7	0.500	175/12	85/5.8	500	36.0
A4143S-06X100	-40 to 125 °F / -40 to 52 °C	9.5	3/8	17.3	0.690	175/12	85/5.8	100	12.0
A4143S-06X500	-40 to 125 °F / -40 to 52 °C	9.5	3/8	17.3	0.690	175/12	85/5.8	500	60.0
A4143S-08X100	-40 to 125 °F / -40 to 52 °C	12.7	1/2	22.2	0.875	175/12	85/5.8	100	18.0
A4143S-04X500	-40 to 125 °F / -40 to 52 °C	12.7	1/2	22.2	0.875	175/12	85/5.8	500	93.0
A4143S-12X100	-40 to 125 °F / -40 to 52 °C	19.0	3/4	30.2	1.188	150/10	75/5.1	100	28.0
A4143S-12X300	-40 to 125 °F / -40 to 52 °C	19.0	3/4	30.2	1.188	150/10	75/5.1	300	85.0
A4143S-16X100	-40 to 125 °F / -40 to 52 °C	25.4	1	38.1	1.500	125/8.6	60/4.1	100	43.0
A4143S-16X200	-40 to 125 °F / -40 to 52 °C	25.4	1	38.1	1.500	125/8.6	60/4.1	200	86.0



A4143S Series

MediumPressure Paint Fluid Transfer Hose (with static wire)

Tuyau de transfert (avec cordelette statique) a moyenne pression pour peinture liquide

Tube: Co-extruded blue LLDPE/rubber blend
Cover: Black rubber blend compound; Branded “paint Fluid”
Use: Lower pressure transfer of enamels, lacquers & other finishes; Robotic paint spraying equipment; Manual paint spraying; Spraying of automobile “rustproofing” fluids; Low temperature transfer of chemicals
Temperature: -40 °C +52 °C (-40 °F +125 °F)

Tube: Co-extrudé, LLDPE bleu / mélange de caoutchouc
Revetement: Composé de mélange de caoutchouc noir Marque “paint Fluid”
Application: Transfert de charge légers des émaux, laques et autres revêtements de finition, peinture de pulvérisation robotisée, peinture pulvérisation manuelle; Pulvérisation d’automobile «antirouille” fluides; Transfert à basse température des produits chimiques
Température: -40°C +52°C (-40°F +125°F)

FUEL & OIL / GAS ET HUILE

HYDROCARBONS / HYDROCARBURES


081AH/AG Tuline Welding, Grade R 117


689AA Automotive fuel 10 bar (150 psi) - external textile braid 118


688AA Diesel oil delivery 15 bar (225 psi) - external steel braid..... 118


SAE30R7 Fuel Line, Vapor Emission & Crankcase Ventilation 119


668EL Fuel-oil S&D - PVC - heavy duty 119


673AA Fuel-oil S&D 10 bar (150 psi) - PVC - heavy duty 120

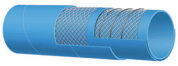

601AA Oil rigger S&D 10 bar (150 psi) 120


650AH Fuel-oil delivery 10 bar (150 psi)..... 121


605AA Fuel-oil S&D 10 bar (150 psi) 121


606AE Corrugated Arctic LW Northern Petroleum 122


6C1AA Oil Rigger S&D 10 bar (150 psi) - corrugated 122


613AE Smooth Arctic LW Northern Petroleum 123


6D1AA Oil Rigger Fracking Delivery Hose 27 bar (400 psi) 123


ND Nitrile discharge 124

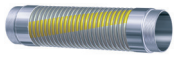

609AA Fuel-oil S&D 16 bar (240 psi) exceeds EN 1761 TRbf 131/2 124


629AA Black Biofuel Petroleum S&D Hose Application 125


620AA Fuel-oil S&D 20 bar (300 psi) 125

GLACIER™ Multi Purpose 20 bar (300 psi) 126


6J541 Fuel-oil S&D 10 bar (150 psi) - light duty - BS 3492/BX BS 5842 end at ADR annexe 1 126


6J511 Fuel-oil S&D 10 bar (150 psi) - standard duty - BS 3492/BX BS 5842 aend at ADR annexe 1.... 127


C-6P7-51 Fuel-oil S&D 14 bar (210 psi) C-6P7-51 (6N111) 127


658AA Domestic fuel reeling 16 bar (240 psi) - textile braided - EN 1360 TRbf 131/2..... 128


659AA LPG delivery 25 bar (375 psi) - textile braided - EN 1762/DM 128


656AA Aircraft ground fuelling 20 bar (300 psi) - EN 1361 API 1529 129


611AA Aircraft ground fuelling-defuelling 20 bar (300 psi) - EN 1361 API 1529..... 129


614AA Hot tar 10 bar (150 psi)..... 130


604AA Oil suction & return - exceeds SAE 100R4..... 130

FUEL & OIL / GAS ET HUILE

644AA Oil suction & return - extra flexible high temperature exceeds SAE 100R4 131

TDH Tigerdrop™ Clear drop hose 131

TDHBK Tigerdrop™ Black drop hose 132

TV Tigervapor™: Vapor recovery hose 132

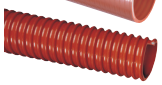
TVHD Tigervapor HD™: Vapor recovery hose 133

BC Banding Coils 133

SLV Banding Sleeves 134

OV Oil Vac™: Heavy Duty Smooth OD Polyurethane Hose 134

ORV Oil Resistant Heavy Duty Smooth OD PVC Hose 135



WOR Oil Resistant Heavy Duty onveluted OD PVC Hose 135

MARINE

MH Odor-retardant PVC marine sanitary hose 136

653AA Marine exhaust - soft wall - SAE J2006/R1 ISO 13363/1/A+B 136

621AA Marine exhaust - hard wall - SAE J2006/R2 ISO 13363/2/A+B 137

266LL Marine sanitary hose - PVC 137

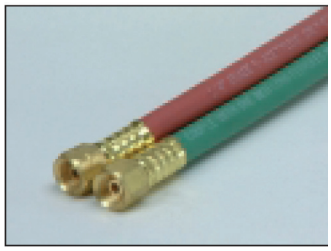
470LL Marine sanitary hose - steel helix wire 138

TWIN BULK - TULINE WELDING, GRADE R
Red is for acetylene only & where cover must resist abrasion, weather and ozone.
Rouge est seulement pour acetylene et quand recouvrement sont resitant a l'abraison, temps et ozone.

Product #	mm	inch/Po	mm	inch/Po	Reinforcement Spirals	psi	mpa	mm	inch/Po	kg/m	lb(ft)/lb(pi)
00521403200	4.76	3/16	0.44	11.11	2	200	1.38	31.75	1.25	0.22	0.15
00521404200	6.35	1/4	0.53	13.49	2	200	1.38	38.10	1.50	0.32	0.21
00521405200	7.94	5/16	0.59	15.08	2	200	1.38	50.80	2.00	0.37	0.25
00521406200	9.53	3/8	0.66	16.67	2	200	1.38	57.15	2.25	0.41	0.28

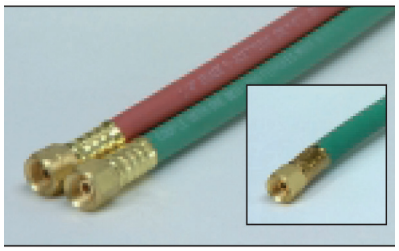
CUT & COUPLERS LENGTHS - TULINE WELDING, GRADE R
Cut & Coupled B&B/ Couper couplé B et B
* Make to order (MTO)/Fait sur demande

Product #	mm	inch/Po	m	lb(ft)/lb(pi)
00521403215*	4.76	3/16	3.81	12.50
00521404225	4.76	3/16	7.62	25.00
00521405249	4.76	3/16	15.24	50.00
00521403291	4.76	3/16	30.48	100.00
00521484212*	6.35	1/4	3.81	12.50
00521484225	6.35	1/4	7.62	25.00
00521484250	6.35	1/4	15.24	50.00
00521484290	6.35	1/4	30.48	100.00
00521405226*	7.94	5/16	7.62	25.00
00521405252	7.94	5/16	15.24	50.00
00521405291*	7.94	5/16	30.48	100.00
00521406226*	9.53	3/8	7.62	25.00
00521406251*	9.53	3/8	15.24	50.00
00521406290*	9.53	3/8	30.48	100



INDIVIDUAL - SINGLE LINE CORRUGATED WELDING, GRADE R, TYPE S
Red is for acetylene only & where cover must resist abrasion, weather and ozone. Green for oxygen.
Rouge est seulement pour acetylene et quand recouvrement sont resitant a l'abraison, temps et ozone. Vert pour oxygène.
* Make to order (MTO)/Fait sur demande

Product #	mm	inch/Po	mm	inch/Po	Reinforcement Spirals	psi	mpa	mm	inch/Po	kg/m	lb(ft)/lb(pi)
Green/Vert											
00521803205	4.76	3/16	11.11	0.44	2	200	1.38	31.75	1.25	0.12	0.08
00521804205	6.35	1/4	13.49	0.53	2	200	1.38	38.10	1.50	0.16	0.11
00521804405	6.35	1/4	15.08	0.59	4	200	1.38	38.10	1.50	0.21	0.14
00521805400*	7.94	5/16	16.69	0.66	2	200	1.38	50.80	2.00	0.24	0.16
00521806400	9.53	3/8	18.26	0.72	2	200	1.38	57.15	2.25	0.27	0.18
Red/Rouge											
00521903205	4.76	3/16	11.11	0.44	2	200	1.38	31.75	1.25	0.12	0.08
00521904205	6.35	1/4	13.49	0.53	2	200	1.38	38.10	1.50	0.16	0.11
00521904405	6.35	1/4	15.08	0.59	4	200	1.38	38.10	1.50	0.21	0.14
00521905400	7.94	5/16	16.69	0.66	2	200	1.38	50.80	2.00	0.24	0.16
00521406400	9.53	3/8	18.26	0.72	2	200	1.38	57.15	2.25	0.27	0.18



081AH/AG

Tuline Welding, Grade R

Tuline Soudage, Grade R

Tube: EPDM
Reinforcement: Spiral polyester yarn
Cover: EPDM: Red, Green
Use: Welding (Limited oil resistance)
Packaging: Reels, cut coupled lengths
Temperature: -40 °C +82 °C (-40 °F +180 °F)

Tube: EPDM
Armature: textiles en polyester spirale
Revetement: EPDM: Rouge, vert
Application: Soudage (résistance a l'huile limité)
Emballage: Bobines, coupé accouplé longueurs
Température: -40 °C +82 °C (-40 °F +180 °F)

HYDROCARBONS / HYDROCARBURES

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
3,2	1/8	7,0	0,28	150/10				0,040	0,027
3,5	9/64	7,5	0,30	150/10				0,045	0,030
4,0	5/32	8,0	0,31	150/10				0,050	0,034
4,5	11/64	9,5	0,37	150/10				0,060	0,040
5,0	3/16	10,0	0,39	150/10				0,065	0,044
5,5	7/32	10,5	0,41	150/10				0,070	0,047
6,0	1/4	11,0	0,43	150/10				0,075	0,050
7,5	19/64	12,5	0,50	150/10				0,080	0,054
8,0	5/16	13,0	0,51	150/10				0,090	0,060
9,0	23/64	14,0	0,55	150/10				0,105	0,070
10,0	3/8	15,0	0,59	150/10				0,110	0,075
12,0	15/32	17,0	0,67	150/10				0,135	0,090

689AA

Automotive fuel 10 bar (150 psi) external textile braid

Carburant pour véhicules automobiles 10 bar (150 psi) tresse textile extérieure

Tube: Black NBR
Reinforcement: High tensile textile braid
Use: Petrol and diesel transfer in automotive applications. Also suitable for unleaded fuel and ecodiesel
Safety factor: 3:1
Temperature: -20 °C +100 °C (-4 °F +212 °F)

Tube: NBR noir
Armature: Tresses textiles haute tenacité
Application: Transfert d'essence et diesel pour applications d'automobiles. Convient aussi pour le carburant sans plomb et Ecodiesel
Normes de sécurité: 3:1
Température: -20 °C +100 °C (-4 °F +212 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
5	3/16	10	0,39	225 /15				0,090	0,060
6	1/4	11	0,43	225/15				0,100	0,067
8	5/16	13	0,51	225/15				0,155	0,105
10	3/8	15	0,59	225/15				0,190	0,128
12	15/32	17	0,67	225/15				0,230	0,155

688AA

Diesel oil delivery 15 bar (225 psi) external steel braid

Diesel distribution d'huile à 15 bar (225 psi) tresse extérieure en acier

Tube: Black NBR
Reinforcement: Plated steel braid
Use: Diesel oil delivery. Specially designed for burner feed line
Safety factor: 4:1
Temperature: -20 °C +100 °C (-4 °F +212 °F)

Tube: NBR noir
Armature: Tresse en acier plaqué
Application: Distribution de gaz. Spécialement conçu pour la conduite d'alimentation d'un brûleur
Normes de sécurité: 4:1
Température: -20 °C +100 °C (-4 °F +212 °F)

Product #	mm	inch/Po	mm	inch/Po	Reinforcement Spirals	psi	mpa	mm	inch/Po	kg/m	lb(ft)/lb(pi)
25 ft. Coil											
00667503225*	4.76	3/16	10.32	0.41	2	50	0.34	31.75	1.25	0.10	0.07
00667504225*	6.35	1/4	12.70	0.50	2	50	0.34	38.10	1.50	0.13	0.09
00667505225*	7.94	5/16	14.29	0.56	2	50	0.34	50.80	2.00	0.16	0.11
00667506225*	9.53	3/8	15.88	0.63	2	50	0.34	57.15	2.25	0.18	0.12
50 ft. Coil											
00667503252*	4.76	3/16	10.32	0.41	2	50	0.34	31.75	1.25	0.10	0.07
00667504252*	6.35	1/4	12.70	0.50	2	50	0.34	38.10	1.50	0.13	0.09
00667505252*	7.94	5/16	14.29	0.56	2	50	0.34	50.80	2.00	0.16	0.11
00667506252*	9.53	3/8	15.88	0.63	2	50	0.34	57.15	2.25	0.18	0.12
250 ft. Coil											
00667503298*	4.76	3/16	10.32	0.41	2	50	0.34	31.75	1.25	0.10	0.07
00667504298	6.35	1/4	12.70	0.50	2	50	0.34	38.10	1.50	0.13	0.09
00667505298	7.94	5/16	14.29	0.56	2	50	0.34	50.80	2.00	0.16	0.11
00667506298	9.53	3/8	15.88	0.63	2	50	0.34	57.15	2.25	0.18	0.12
700 ft. Coil											
00667503299	4.76	3/16	10.32	0.41	2	50	0.34	31.75	1.25	0.10	0.07
00667504299	6.35	1/4	12.70	0.50	2	50	0.34	38.10	1.50	0.13	0.09
00667505299	7.94	5/16	14.29	0.56	2	50	0.34	50.80	2.00	0.16	0.11
00667506299	9.53	3/8	15.88	0.63	2	50	0.34	57.15	2.25	0.18	0.12

* Made to order (MTO)/Fait sur demande

FUEL LINE/SAE30R7

Fuel Line, Vapor Emission & Crankcase Ventilation

Alimentation de carburant, des émissions de vapeurs & ventilation de carter

Tube: NBR, RMA Class A
Cover: Black NBR/PVC, RMA Class B
Reinforcement: Spyral polyester yarn
Use: Conveying most current types of fuels in automobiles, trucks & busses. Also an aftermarket standard.
Temperature: -34 °C +125 °C (-29 °F +257 °F)

Tube: NBR, RMA Classe A
Revetement: NBR/PVC noir, RMA Classe B
Armature: Bobine de fil en polyester
Application: Convoyage de types les plus courants des combustibles pour l'automobile, camions et bus. Aussi une norme du marché secondaire.
Température: -34 °C +125 °C (-29 °F +257 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
25	1			100/7	150	6,00	90	0,540	0,360
32	1 1/4			90/6	192	7,50	90	0,680	0,460
38	1 1/2			90/6	228	9,00	90	0,760	0,510
40	1 9/16			90/6	240	9,50	90	0,800	0,540
51	2			75/5	306	12,00	90	1,150	0,770
60	2 3/8			60/4	360	14,00	90	1,550	1,040
63	2 1/2			60/4	378	15,00	90	1,600	1,080
76	3			60/4	456	18,00	90	2,000	1,340
80	3 1/8			60/4	480	19,00	90	2,100	1,410
90	3 1/2			60/4	540	21,00	90	2,600	1,750
102	4			45/3	612	24,00	90	3,100	2,080

668EL

Fuel-oil S&D - PVC - heavy duty

Aspiration et refoulement de carburants et d'huiles - PVC - services sévères

Construction: Blue PVC - abrasion, ozone and hydrocarbon resistant
Reinforcement: White shock resistant rigid PVC
Use: General purpose fuel and oil suction and delivery
Safety factor: 3:1
Temperature: -10 °C +60 °C (+14 °F +140 °F)

Construction: PVC bleu - résistant a l'abrasion, a l'ozone, aux hydrocarbures
Armature: PVC rigide blanc, anti-choques
Application: Aspiration et refoulement de carburants et d'huile.
Normes de sécurité: 3:1
Température: -10 °C +60 °C (+14 °F +140 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
19	3/4	29	1,14	150/10	60	2,50	90	0,460	0,310
25	1	35	1,38	150/10	80	3,00	90	0,690	0,460
32	1 1/4	43	1,69	150/10	100	4,00	90	0,930	0,630
38	1 1/2	49	1,93	150/10	120	4,75	90	1,080	0,730
51	2	64	2,52	150/10	150	6,00	90	1,630	1,100

673AA

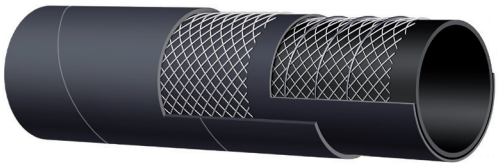
Fuel-oil S&D 10 bar (150 psi) - PVC - heavy duty

Aspiration et refoulement de carburants et d'huiles 10 bar (150psi) - PVC - services sévères

Construction: Black PVC - abrasion, ozone and hydrocarbon resistant
Reinforcement: High tensile textile cords with embedded steel helix wire
Use: General purpose fuel and oil suction and delivery
Safety factor: 3:1
Temperature: -10 °C +60 °C (+14 °F +140 °F)

Construction: PVC noir - résistant a l'abrasion, a l'ozone, aux hydrocarbures
Armature: Nappes textiles haute tenacité avec spirales acier noyées
Application: Aspiration et refoulement de carburants et d'huile.
Normes de sécurité: 3:1
Température: -10 °C +60 °C (+14 °F +140 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
51	2	61	2,40	150/10	255	10,00	100	1,350	0,910
76	3	88	3,46	150/10	380	15,00	90	2,510	1,690
102	4	116	4,57	150/10	510	20,00	90	3,450	2,320
152	6	168	6,61	150/10	760	30,00	80	6,610	4,440



601AA

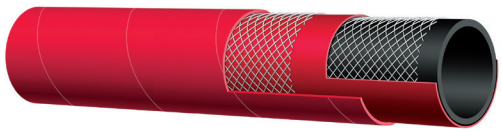
Oil rigger S&D 10 bar (150 psi)

Aspiration et refoulement de monteur d'huile 10 bar (150psi)

Tube: Black NBR/PVC
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black SBR - abrasion and ozone resistant
Use: Oilfield vacuum tank service for crude oil mud handling
Safety factor: <= 102 mm 3:1 152 mm 2,5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Construction: NBR/PVC noir
Armature: Nappes textiles haute tenacité avec spirales acier noyées
Revetement: SBR noir - résistant a l'abrasion et a l'ozone
Application: Réservoir à vide de champ de pétrole pour le traitement du pétrole brut de boue
Normes de sécurité: <= 102 mm 3:1 152 mm 2,5:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	29	1,14	150/10				0,520	0,350
22	7/8	32	1,26	150/10				0,580	0,390
25	1	35	1,38	150/10				0,650	0,440
32	1 1/4	42	1,65	150/10				0,790	0,530
38	1 1/2	48	1,89	150/10				0,920	0,620
51	2	61	2,40	150/10				1,210	0,810
63	2 1/2	77	3,03	150/10				2,070	1,390
76	3	88	3,46	150/10				2,120	1,420
102	4	114	4,49	150/10				2,850	1,920



650AH

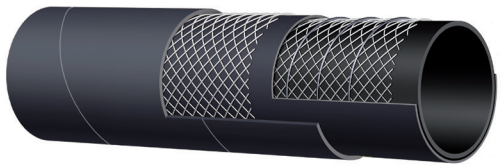
Fuel-oil delivery 10 bar (150 psi)

Refoulement d'hydrocarbures - 10 bar (150 psi)

Tube: Black conductive NBR
Reinforcement: High tensile textile cords - antistatic wire
Cover: Red CR - abrasion, ozone and hydrocarbon resistant
Use: General purpose fuel and oil delivery
Safety factor: 3:1
Temperature: -40 °C +100 °C (-40 °F +212 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité - cordelette antistatique
Revetement: mélange NBR/PVC rouge - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: refoulement d'hydrocarbures (50% d'aromatiques maxi).
Normes de sécurité: 3:1
Température: -40 °C +100 °C (-40 °F +212 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	29	1,14	150/10	76	3,00	100	0,600	0,400
25	1	35	1,38	150/10	100	4,00	100	0,740	0,500
32	1 1/4	42	1,65	150/10	128	5,00	100	0,900	0,600
38	1 1/2	48	1,89	150/10	152	6,00	100	1,030	0,690
51	2	61	2,40	150/10	204	8,00	100	1,330	0,890
63	2 1/2	75	2,95	150/10	252	10,00	90	2,080	1,400
76	3	88	3,46	150/10	304	12,00	90	2,480	1,670
90	3 1/2	104	4,09	150/10	360	14,00	90	3,040	2,040
102	4	116	4,57	150/10	408	16,00	90	3,400	2,280
127	5	145	5,71	150/10	508	20,00	80	5,780	3,880
152	6	170	6,69	150/10	608	24,00	80	7,150	4,810
203	8	225	8,86	150/10	812	32,00	70	11,630	7,820



605AA

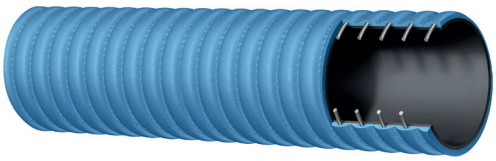
Fuel-oil S&D 10 bar (150 psi)

Aspiration et refoulement d'hydrocarbures 10 bar (150 psi)

Tube: Black conductive NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black CR - abrasion, ozone and hydrocarbon resistant
Use: Fuel and oil suction and delivery. Specially designed for tank truck and general industrial applications
Safety factor: <= 127 mm 3:1 133-254 mm 2,5:1 305 mm 1,5:1
Temperature: -40 °C +100 °C (-40 °F +212 °F)

Tube: NBR noir conducteur
Armature: Nappes textiles haute tenacité avec spirales acier noyées
Revetement: mélange NBR/PVC noir - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: aspiration et refoulement d'hydrocarbures et fluides hydrauliques (50 d'aromatiques maxi). specialement concu pour le circuit hydraulique retour d'huile.
Normes de sécurité: <=127 mm 3:1 133-254 mm 2,5:1 305 mm 1,5:1
Température: -40 °C +100 °C (-40 °F +212 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	65	2,6	150/10	76,2	3,00	100	1,620	1,090
76	3	92	3,6	150/10	114,3	4,50	100	2,800	1,880
102	4	118	4,6	150/10	152,4	6,00	100	3,790	2,550



606AE (150psi)

Corrugated Arctic Heavy Duty Petroleum 10 bar

Pétrole arctique service severe - Ondulée 10 bar

Tube: Black conductive NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black NBR/PVC blend - abrasion, ozone and hydrocarbon resistant
Use: Fuel, oil and hydraulic fluids suction and delivery with up to 50% aromatic content. Extremely flexible at low temperatures.
Safety factor: 3:1
Temperature: -60 °C +100 °C (-76 °F +212 °F)

Tube: NBR noir conducteur
Armature: Nappes textiles haute tenacité avec spirales acier noyées
Revetement: mélange NBR/PVC noir - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: aspiration et refoulement d'hydrocarbures, huile et fluides hydrauliques (50% d'aromatiques maxi). Extrêmement flexible en temps froid.
Normes de sécurité: 3:1
Température: -60 °C +100 °C (-76 °F +212 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb(ft)/lb(pi)
51	2			150/10	153	6.02	100	1.290	0.867
76	3			150/10	2280	89.76	90	2.400	1.613
102	4			150/10	306	12.05	90	3.560	2.392
152	6			150/10	608	24.00	100	6.650	4.470
203	8			150/10	812	32.00	100	8.850	5.950

6C1AA

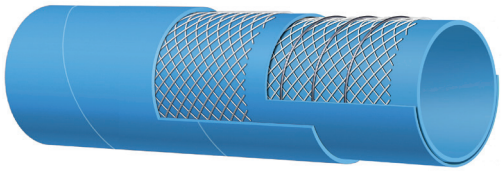
Oil Rigger S&D 10 bar (150psi) Corrugated

Gréeur d'huile 10 bar (150psi) ondulé - Aspiration et refoulement

Tube: Black NBR/PVC
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black SBR - abrasion and ozone resistant
Use: Oilfield vacuum tank service for crude oil mud handling. Light weight and flexible construction
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR/PVC noir
Armature: Nappes textiles haute tenacité avec spirales acier noyées
Revetement: CBR noir - résistant a l'abrasion et a l'ozone
Application: Réservoir d'aspiration de champ pétrolifère pour le traitement des boues de pétrole brut. Construction légère et souple.
Normes de sécurité: 3:1
Température:-30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
38	1 1/2	50	6	150/10	190	7,48	100	1.2009	0.807
51	2	65	7	150/10	255	10,04	100	1.7694	1.189
76	3	90	7	150/10	380	14,96	90	2.8691	1.928
102	4	118	8	150/10	510	20,08	90	3.8111	2.561



613AE

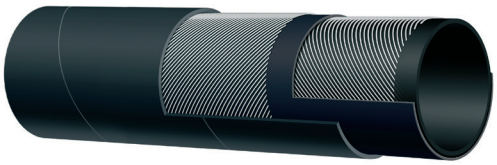
Smooth Arctic Heavy Duty Petroleum

Pétrole arctique service severe - Lise

Tube: Black conductive NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black NBR/PVC blend - abrasion, ozone and hydrocarbon resistant
Use: Fuel, oil and hydraulic fluids suction and delivery with up to 50% aromatic content. Extremely flexible at low temperatures.
Safety factor: 3:1
Temperature: -60 °C +100 °C (-76 °F +212 °F)

Tube: NBR noir conducteur
Armature: Nappes textiles haute tenacité avec spirales acier noyées
Revetement: mélange NBR/PVC noir - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: aspiration et refoulement d'hydrocarbures, huile et fluides hydrauliques (50% d'aromatiques maxi). Extrêmement flexible en temps froid.
Normes de sécurité: 3:1
Température: -60 °C +100 °C (-76 °F +212 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb(ft)/lb(pi)
76	3	94	3.70	400/27				3.07	2.063
102	4	120	4.72	400/27				4.32	2.903



6D1AA

Oil Rigger - Fracking Delivery Hose 27 bar (400 psi)

Tuyau de refoulement pour fracturation 27 bar (400 psi) - Gréeur d'huile

Tube: Black synthetic elastomer
Reinforcement: High tensile textile cord
Cover: Black syntethic elastomer – abrasion, oil and ozone resistant
Use: Fracking fluids, liquid mud and crude oil delivery in heavy duty oilfield and gas exploration service
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: Élastomère synthétique noir
Armature: Nappes textiles haute tenacité
Revetement: Élastomère synthétique noir résistant a l'abrasion, a l'ozone, et aux hydrocarbures.
Application: Fluides de fracturation, de la boue liquide et la livraison de pétrole brut en champ pétrolifère et service d'exploration de gaz pour services sévères
Normes de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

HYDROCARBONS

ALFAGOMMA

CODE	mm	inch/Po	psi	WALL THICKNESS mm	TENSILE STRENGTH kg	g/m	RADIUS OF CURVATURE m
ND150	38	1 1/2	150	2	900	310	0.700
ND200	52	2	150	2	1.300	450	1.100
ND250	65	2 1/2	150	2	1.400	620	1.300
ND300	76	3	150	2.5	1.800	680	1.450
ND400	102	4	150	2.5	2.400	950	1.700
ND600	152	6	150	3	5.000	1.650	2.250
ND800	204	8	150	3	6.600	2.250	3.000
ND1000	254	10	100	3.5	8.800	2.800	3.300
ND1200	306	12	100	4	10.200	3250	3.600

certified assembly

super heavy duty/150 psi service sévère		
25 ft	50 ft	100 ft
CAD$		

Note: Assembled with parts C and E aluminum and 2-band clamps.
Accouplez avec parties C et E aluminium plus 2-collets.

Note: Assembled with Rocker Lug male X female. Aluminum or brass
Accouplez avec embouts Rocker Lug NPSH mâle X femelle. Aluminium ou laiton

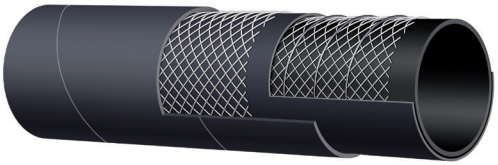
ND

Nitrile Discharge
Décharge nitrile

Tube: Black conductive NBR
Reinforcement: High tensile textile cords - antistatic wire
Cover: Black NBR/PVC - abrasion, ozone and hydrocarbon resistant
Use: General purpose fuel and oil delivery
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité - cordelette antistatique
Revetement: mélange NBR/PVC noir - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: refoulement d'hydrocarbures (50% d'aromatiques maxi).
Normes de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
25	1	37	1,46	240/16	150	6,00	100	0,860	0,580
32	1 1/4	44	1,73	240/16	175	7,00	100	1,030	0,690
38	1 1/2	51	2,01	240/16	225	9,00	100	1,180	0,790
51	2	67	2,64	240/16	275	11,00	100	1,820	1,220
63	2 1/2	79	3,11	240/16	300	12,00	90	2,380	1,600
76	3	92	3,62	240/16	350	14,00	90	2,860	1,920
102	4	118	4,65	240/16	450	17,50	90	3,900	2,620
152	6	172	6,77	240/16	760	30,00	80	8,700	5,850



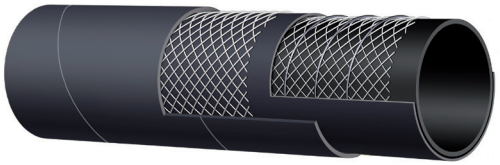
609AA

Fuel-oil S&D 16 bar (240 psi)
exceeds EN 1761 TRbf 131/2
Aspiration et refoulement d' Hydrocarbures et d'huile 16 bar (240 psi)
dépasse EN 1761 TRbf 131/2

Tube: Black conductive NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant
Use: Fuel and oil suction and delivery.
Designed for long service life in heavy duty applications
Safety factor: 3:1
Temperature: -40 °C +100 °C (-40 °F +212 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: CN conducteur noir - résistant a l'abrasion, a l'ozone, aux hydrocarbures et au feu.
Application: aspiration et refoulement d'hydrocarbures et d'huile.
Normes de sécurité: 3:1
Température: -40 °C +100 °C (-40 °F +212 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
25	1	35	1,38	150/10	102	4,00	100	0,76	0,51
32	1 1/4	42	1,65	150/10	127	5,00	100	0,89	0,60
38	1 1/2	48	1,89	150/10	152	6,00	100	1,04	0,70
51	2	61	2,40	150/10	203	8,00	100	1,35	0,91
63	2 1/2	75	2,95	150/10	254	10,00	90	2,11	1,42
76	3	88	3,46	150/10	302	12,00	90	2,51	1,69
102	4	116	4,57	150/10	419	16,50	90	3,48	2,34



629AA

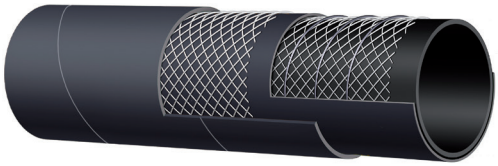
Black Biofuel Petroleum S&D Hose Application

Tuyau noir d'aspiration et de refoulement pour pétrole et biocarburants

Tube: Black conductive synthetic rubber.
Reinforcement: High tensile textile cords and steel helix wires.
Cover: Black specially-blended neoprene - added resistance against abrasion, ozone and hydrocarbons.
Use: For suction and discharge applications in truck and tank car transfer of gasoline, oil and Biofuels - up to E98 and B100 (T629 is not recommended for use on a reel.) with up to 60% aromatic content at ambient temperature.
PSI: 150
Temperature: -40 °C +100 °C (-40 °F +212 °F)

Tube: Caoutchouc noir synthétique conducteur
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: melange special noir de neoprene - résistant a l'abrasion, a l'ozone, aux hydrocarbures et au feu.
Application: aspiration et refoulement dans camions et le transfert des wagons-citernes de l'essence, du pétrole et les biocarburants - jusqu'à E98 et B100 (T629 n'est pas recommandé pour une utilisation sur une bobine.) Jusqu'à concurrence de 60% teneur en composés aromatiques à température ambiante.
PSI: 150
Température: -40 °C +100 °C (-40 °F +212 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
51	2	63	2,48	300/20	203	8,00	100	1,67	1,12
76	3	90	3,54	300/20	302	12,00	90	2,65	1,78
102	4	116	4,57	300/20	406	16,00	90	3,58	2,41
152	6	170	6,69	300/20	588	24,00	90	7,68	5,16



620AA

300psi Black fuel & oil S&D Hose

Tuyau noir d'aspiration et de refoulement pour hydrocarbures et l'huile; 300psi

Tube: Black conductive synthetic rubber.
Reinforcement: High tensile textile cords and steel helix wires.
Cover: Black specially-blended neoprene - added resistance against abrasion, ozone and hydrocarbons.
Use: For suction and discharge applications in truck and tank car transfer of gasoline, oil and Biofuels - up to E98 and B100 (T629 is not recommended for use on a reel.) with up to 60% aromatic content at ambient temperature.
PSI: 300
Temperature: -40 °C +100 °C (-40 °F +212 °F)

Tube: Caoutchouc noir synthétique conducteur
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: melange special noir de neoprene - résistant a l'abrasion, a l'ozone, aux hydrocarbures et au feu.
Application: aspiration et refoulement dans camions et le transfert des wagons-citernes de l'essence, du pétrole et les biocarburants - jusqu'à E98 et B100 (T629 n'est pas recommandé pour une utilisation sur une bobine.) Jusqu'à concurrence de 60% teneur en composés aromatiques à température ambiante.
PSI: 300
Température: -40 °C +100 °C (-40 °F +212 °F)

HYDROCARBONS

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
6	1/4	16	0,63	300/20	38	1,50		0,22	0,15
10	3/8	19	0,75	300/20	57	2,25		0,31	0,21
13	1/2	24	0,94	300/20	76	3,00		0,45	0,3
19	3/4	32	1,25	300/20	114	4,50		0,58	0,39
25	1	38	1,50	300/20	177	7,00		0,73	0,49
32	1 1/4	45	1,78	300/20	222	9,00		0,91	0,61
35	1 3/8	48	1,88	300/20	235	9,00		1,101	0,68
38	1 1/2	53	2,09	300/20	266	10,50		1,23	0,83

GLACIER™ MULTIPURPOSE

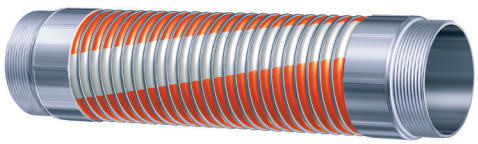
Multipurpose 20 bar (300 psi)

Usage-multiple 20 bar (300 psi)

Tube: ECO low temp, oil resistant, synthetic rubber RMA Class A
Reinforcement: 4 spiral polyester yarn
Cover: ECO low temp, oil resistant, synthetic rubber RMA Class A
Use: Glacier is a cold weather hose specifically engineered for use in sub-zero applications. It handles air, oil, gasoline, diesel, kerosene, fuel oil and some chemicals. Even at temperatures as low as -65°F, Glacier keeps its flexibility, resists kinks and maintains its easy-reeling characteristics. Glacier has an oil resistant, synthetic rubber tube that is reinforced with a spiraled high tensile polyester cord. These features combine to provide a constant working pressure of 300 psi and a 4:1 burst safety factor. Glacier's blue synthetic rubber cover is designed for maximum abrasion resistance. Glacier comes in a variety of sizes. The Glacier hose is designed to operate effectively and remain easy to handle and reel.
Temperature: -54 °C +82 °C (-65 °F +180 °F)

Tube: ECO basse température, résistant à l'huile, en caoutchouc synthétique RMA Classe A
Armature: 4 Fils de polyester spirale
Revetement: ECO basse température, résistant à l'huile, en caoutchouc synthétique RMA Classe A
Application: Glacier est un tuyau pour temps froid spécialement conçu pour une utilisation dans des applications sous zéro. Il traite de l'air, huile, essence, diesel, kérosène, le mazout et certains produits chimiques. Même à des températures aussi basses que -65 ° F, Glacier conserve sa souplesse, résiste aux plis et maintient ses caractéristiques facile-enroulement. Glacier a une résistant à l'huile, le tube de caoutchouc synthétique est renforcé par un cordon en spirale de polyester à haute résistance. Ces caractéristiques se combinent pour fournir une pression constante de travail de 300 psi et un facteur d'éclatement de sécurité 4:1. La couverture bleue du Glacier est en caoutchouc synthétique et est conçu pour la résistance maximale à l'abrasion. Glacier vient dans une variété de tailles. Le tuyau Glacier est conçu pour fonctionner de manière efficace et restent faciles à manipuler et a enbobiner.
Température: -29 °C +82 °C (-20 °F +180 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
63	2 1/2			150/10	175	7,00	90	1,700	1,140
75	3			150/10	250	10,00	90	2,000	1,340
80	3 1/8			150/10	250	10,00	90	2,500	1,680
100	4			150/10	350	14,00	90	3,200	2,150



6J541

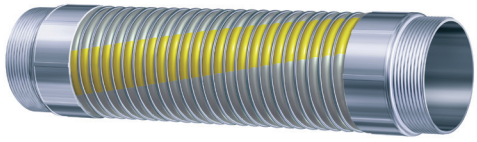
Fuel-oil S&D 10 bar (150 psi) - light duty
BS 3492/BX BS 5842 arrêté ADR annexe 1

Carburant-huile S&D 10 bar (150 psi) - service léger BS 3492/BX BS 5842 arrêté ADR annexe 1

Inner wire: Alluminium wire
Tube: Polypropylene film
Cover: Orange PVC coated fabric
Outer wire: Galvanised steel wire
Use: Fuel and oil suction and delivery.
Specially designed for tank truck applications.
Light weight construction
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Fil intérieure: Fil en lluminium
Tube: Filme polypropylene
Revetement: PVC orange recouvert de tissu
Fil extérieure: Fil d'acier galvanisé
Application: Aspiration et distribution de carburant et d'huile
Spécialement conçu pour les applications des camions-citernes.
Construction léger.
Normes de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
50	2			150/10	150	6,00	90	1,680	1,130
63	2 1/2			150/10	175	7,00	90	2,200	1,480
65	2 5/8			150/10	175	7,00	90	2,450	1,650
75	3			150/10	250	10,00	90	2,600	1,750
80	3 1/8			150/10	250	10,00	90	2,600	1,750
100	4			150/10	350	14,00	90	4,200	2,820



6J511

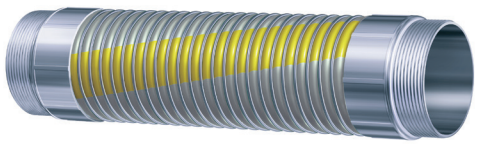
Fuel-oil S&D 10 bar (150 psi) - standard duty
BS 3492/BX BS 5842 end at ADR annexe 1

Aspiration et refoulement d'hydrocarbures-d'huile 10 bar (150 psi)
BS 3492/BX BS 5842 arrêté ADR annexe 1

Inner wire: Galvanised steel wire
Tube: Polypropylene film
Cover: Green PVC coated fabric
Outer wire: Galvanised steel wire
Use: Fuel and oil suction and delivery.
Specially designed for tank truck applications
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: film en polypropylene
File interieure: fil en acier galvanisé
Armature: films et toiles polypropylene superposes
Revetement: PVC vert couvert de tissu
Fil extérieure: fil en acier galvanisé
Application: aspiration et refoulement d'hydrocarbures.
Specialement concu pour depotage de camions citernes.
Normes de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1	37	1,45	250/17	200	7,87	90	0,897	0,603
32	1 1/4	44	1,73	250/17	200	7,87	90	1,196	0,804
40	1 1/2	53	2,09	250/17	200	7,87	90	1,247	0,838
50	2	63	2,48	250/17	225	8,86	90	1,695	1,139
63	2 1/2	78	3,07	250/17	225	8,86	90	2,792	1,876
76	3	95	3,74	250/17	300	11,81	90	2,942	1,977
80	3 1/8	95	3,74	250/17	350	13,78	90	3,689	2,479
102	4	122	4,80	250/17	400	15,75	90	7,813	5,250
150	6	174	6,85	250/17	550	21,65	90	12,277	8,250
200	8	231	9,09	250/17	725	28,54	90	21,653	14,550
250	10	284	11,18	250/17	900	35,43	90	26,489	17,800
300	12	300	11,81	250/17	1100	43,31	90	31,400	21,100



C-6P7-51 (6N111)

Fuel-oil S&D 17 bar (250 psi)

Aspiration et refoulement hydrocarbures-Appontement 17 bar

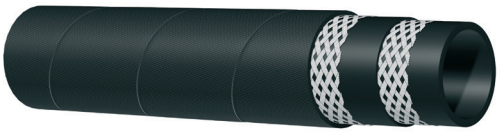
Tube: Internal wire in galvanised steel coated
Reinforcement: Superposed polyproylene films and sheets-Hydrocarbon resistant
Cover: External wire in galvanised steel - Green PVC coated fabric
Application: Fuel and oil suction and delivery - Hard hydrocarbon decanting. Specially designed for long lasting service in bunkering applications.
Safety factor: 4:1
Temperature: -30 °C +100 °C (-22 °F +212 °F)

Tube: Fil interieure recouvert en acier galvanisé
Armature: Films et toiles polypropylene superposes - Resistant aux hydrocarbures
Revetement: Fil exterieure en acier galvanisé - Tissu enduit PVC vert
Application: Aspiration et refoulement de carburants et huiles; Transvasement intensif de divers hydrocarbures. Specialement concu pour longue duree en services d'appontement..
Normes de sécurité: 4:1
Température: -30 °C +100 °C (-22 °F +212 °F)

HYDROCARBONS

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
32	1 1/4	44	1,73	240/16	160	6,25		0,970	0,650
35	1 3/8	47	1,85	240/16	175	7,00		1,040	0,700
38	1 1/2	51	2,01	240/16	190	7,50		1,130	0,760
40	1 9/16	53	2,09	240/16	200	8,00		1,180	0,790
51	2	67	2,64	240/16	255	10,00		1,650	1,110



658AA

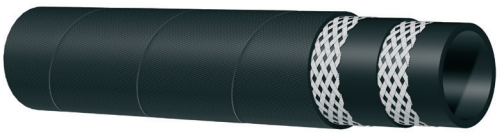
Domestic fuel reeling 16 bar (240 psi) textile braided EN 1360 TRbf 131/2

Carburant domestique / volucompteur 16 bar (240 psi) EN 1360 TRbf 131/2

Tube: Black conductive NBR
Reinforcement: High tensile textile braids
Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant
Use: Fuel and oil delivery in heavy duty reeling applications.
Also suitable for tank cleaning.
Antistatic wire available on request
Safety factor: 3:1
Temperature: -30 °C +70 °C (-22 °F +158 °F)

Tube: NBR noir conducteur
Armature: nappes tressés textiles haute tenacité
Revetement: mélange NBR/PVC noir - résistant a l'abrasion, a l'ozone, aux hydrocarbures et a la flamme
Application: refoulement de carburants et huiles (50% d'aromatiques maxi). Concu pour volucompteurs. Convient aussi pour nettoyage citernes.
Normes de sécurité: 3:1
Température: -30 °C +70 °C (-22 °F +158 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	375/25	160	6,25		0,650	0,440
25	1	38	1,50	375/25	200	8,00		0,830	0,560
32	1 1/4	45	1,77	375/25	250	10,00		0,980	0,660
38	1 1/2	52	2,05	375/25	320	12,50		1,380	0,930
51	2	67	2,64	375/25	400	15,75		2,070	1,390



659AA

LPG delivery 25 bar (375 psi) - textile braided EN 1762/DM

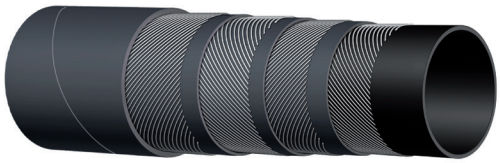
Distribution de GPL 25 bar (375 psi) EN 1762/DM

Tube: Black NBR
Reinforcement: High tensile textile braids - antistatic wire
Cover: Black CR - abrasion, ozone, hydrocarbon and fire resistant - pin pricked
Use: LPG delivery in heavy duty reeling applications
Safety factor: 4:1
Temperature: -30 °C +70 °C (-22 °F +158 °F)

Tube: NBR noir
Armature: nappes tressés textiles haute tenacité - cordelette antistatique
Revetement: mélange NBR/PVC noir - résistant a l'abrasion, a l'ozone, aux hydrocarbures et a la flamme - micro perfore
Application: refoulement de GPL
Normes de sécurité: 4:1
Température: -30 °C +70 °C (-22 °F +158 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1	37	1,46	300/20	150	6,00		0,780	0,520
32	1 1/4	44	1,73	300/20	190	7,50		0,930	0,630
38	1 1/2	51	2,01	300/20	225	9,00		1,300	0,870
50	2	66	2,60	300/20	275	11,00		1,880	1,260
63	2 1/2	79	3,11	300/20	300	12,00		1,920	1,290
75	3	91	3,58	300/20	300	12,00		2,560	1,720
100	4	116	4,57	300/20	450	18,00		3,580	2,410

DNV



656AA

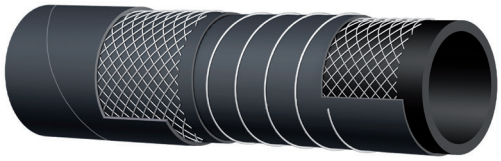
Aircraft ground fuelling 20 bar (300 psi)
EN 1361 API 1529
Avitaillement au sol
Des aéronefs 20 bar (300 psi) refoulement
EN 1361 API 1529

Tube: Black conductive NBR
Reinforcement: High tensile textile braids.
ID >= 75 mm high tensile textile cords
Cover: Black conductive CR - abrasion, ozone and hydrocarbon resistant
Use: Aircraft ground fuelling
Safety factor: 4:1
Temperature: -30 °C +55 °C (-22 °F +131 °F)

Tube: NBR noir conducteur
Armature: trèsses textiles haute tenacité ID >= 75 mm
Revetement: CR noir - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: refoulement d'hydrocarbures pour avitaillement au sol des aéronefs.
Normes de sécurité: 4:1
Température: -30 °C +55 °C (-22 °F +131 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1	41	1,61	300/20	150	6,00	65	0,860	0,580
32	1 1/4	48	1,89	300/20	190	7,50	65	1,070	0,720
38	1 1/2	54	2,13	300/20	225	9,00	65	1,240	0,830
50	2	67	2,64	300/20	275	11,00	65	1,880	1,260
63	2 1/2	81	3,19	300/20	300	12,00	65	2,420	1,630
75	3	93	3,66	300/20	300	12,00	65	2,870	1,930

DNV



611AA

Aircraft ground fuelling-defuelling 20 bar (300 psi)
EN 1361 API 1529
Avitaillement au sol des aéronefs 20 bar (300 psi) - aspiration et refoulement
EN 1361 API 1529

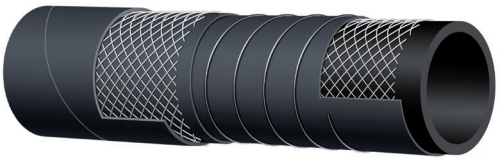
Tube: Black conductive NBR
Reinforcement: High tensile textile cords with embedded nylon helix
Cover: Black conductive CR - abrasion, ozone and hydrocarbon resistant
Use: Aircraft ground fuelling and defuelling
Safety factor: 4:1
Temperature: -30 °C +55 °C (-22 °F +131 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité avec spirales en nylon noyées
Revetement: CR noir - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: refoulement d'hydrocarbures pour avitaillement au sol des aéronefs.
Normes de sécurité: 4:1
Température: -30 °C +55 °C (-22 °F +131 °F)

HYDROCARBONS

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	69	2,72	150/10	255	10,00	100	2,240	1,510
60	2 3/8	78	3,07	150/10	300	12,00	100	2,720	1,830
76	3	96	3,78	150/10	380	15,00	90	3,720	2,500
102	4	122	4,80	150/10	510	20,00	90	4,970	3,340



614AA

Hot tar 10 bar (150 psi)

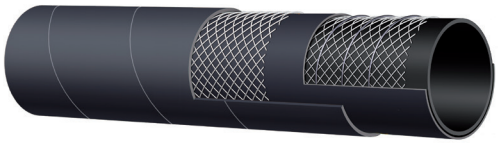
Goudron 10 bar (150 psi)

Tube: Black NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black CSM - abrasion and ozone resistant
Use: Hot tar, asphalt and bitumen suction and delivery
Safety factor: 4:1
Temperature: -20 °C +180 °C (-4 °F +356 °F)

Tube: NBR noir résistant au goudron, asphalte et bitume chauds
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: CSM noir - résistant a l'abrasion, a l'ozone, au goudron, a l'asphalte et au bitume chauds
Application: aspiration et refoulement de goudron, asphalte et bitume chauds.
Normes de sécurité: 4:1
Température: -20 °C +180 °C (-4 °F +356 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	29	1,14	300/20	57	2,25	100	0,600	0,400
25	1	35	1,38	250/17	75	3,00	100	0,740	0,500
32	1 1/4	42	1,65	200/14	96	3,75	100	0,890	0,600
38	1 1/2	48	1,89	150/10	114	4,50	100	1,030	0,690
51	2	61	2,40	100/7	153	6,00	100	1,320	0,890
63	2 1/2	75	2,95	60/4	189	7,50	100	2,070	1,390
76	3	88	3,46	60/4	228	9,00	100	2,470	1,660
90	3 1/2	104	4,09	45/3	270	10,50	100	3,040	2,040
102	4	116	4,57	30/2	306	12,00	100	3,390	2,280

3 x ID



604AA

Oil suction & return exceeds SAE 100R4

Aspiration et refoulement d'huile dépasse-SAE 100R4

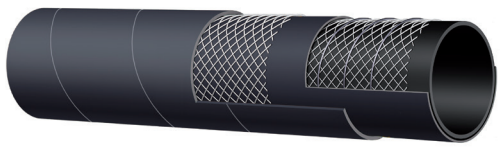
Tube: Black conductive NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black CR - abrasion, ozone and hydrocarbon resistant
Use: Hydraulic oil suction and return lines
Safety factor: 4:1
Temperature: -40 °C +100 °C (-40 °F +212 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: CR noir - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: Aspiration et refoulement d'huile hydraulic
Normes de sécurité: 4:1
Température: -40 °C +100 °C (-40 °F +212 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	29	1,14	375/25	38	1,50	100	0,550	0,370
25	1	35	1,38	300/20	50	2,00	100	0,680	0,460
32	1 1/4	42	1,65	250/17	64	2,50	100	0,840	0,560
38	1 1/2	48	1,89	150/10	76	3,00	100	0,990	0,670
51	2	61	2,40	100/7	102	4,00	100	1,290	0,870
63	2 1/2	75	2,95	75/5	126	5,00	100	2,190	1,470
76	3	88	3,46	75/5	152	6,00	100	2,590	1,740
102	4	116	4,57	75/5	204	8,00	100	3,550	2,390

MSHA

2 x ID



644AA

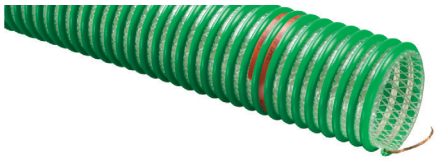
Oil suction & return - extra flexible high temperature exceeds SAE 100R4

Aspiration et refoulement d'huile - extra fléxible, haute température dépasse SAE 100R4

Tube: Black conductive NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black CR - abrasion, ozone, hydrocarbon and flame resistant
Use: Hydraulic oil suction and return lines requiring tight bend radius and resistance to high temperature
Safety factor: 4:1
Temperature: -40 °C +135 °C (-40 °F +275 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: CR noir - résistant a l'abrasion, a l'ozone et aux hydrocarbures, et flammes
Application: Aspiration d'huile hydraulique, refoulement d'hydrocarbures pour avitaillement au sol des aéronefs.
Normes de sécurité: 4:1
Température: -30 °C +55 °C (-22 °F +131 °F)

Series	inch/Po	inch/Po	psi/bar @ 68° F	in. @ 68° F	kg/m	lb(ft)/lb(pi)	Standard Length ft/pi
TDH303	3.03	3.78	65/4.4	6	1.79	1.2	100/20
TDH404	4.04	4.82	65 /4.4	8	2.53	1.7	100/57/20



Series TDH

Tigerdrop™ Clear: Drop Hose

Tigerdrop™ Transparent: Drop Hose

Tube: Non-permeable polyurethane contruction
Reinforcement: Polyurethane hose with polyester fabric reinforcement & rigid PVC helix
Use: Tank truck gravity drop & terminal fuel tranfser
Temperature: -40 °C +65.5 °C (-40 °F +150 °F)

Tube: Contruction de polyuréthane Non-perméable
Armature: en Polyuréthane flexible avec armature en polyester et PVC en hélice rigide
Application: transfert d'hydrocarbures pour depotage de camions citernes.
Température: -40 °C +65.5 °C (-40 °F +150 °F)

HYDROCARBONS

ALFAGOMMA

Series							Standard Length
	inch/Po	inch/Po	psi/bar @ 68° F	in. @ 68° F	kg/m	lb(ft)/lb(pi)	ft/pi
TDHBK303	3.03	3.78	65/4.4	6	1.79	1.2	100/20
TDHBK404	4.04	4.82	65/4.4	8	2.53	1.7	100/20

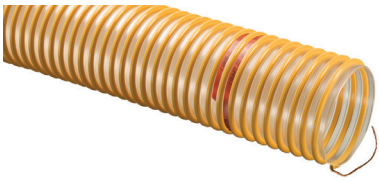
Series TDHBK

Tigerdrop™ Black: Drop Hose
Tigerdrop™ Noir: Drop Hose

Tube: Black,opaque UV-resistant, ststic dissipating tube
Reinforcement: Polyurethane hose with polyester fabric reinforcement & rigid PVC helix
Use: Tank truck gravity drop & terminal fuel tranfser
Temperature: -40 °C +65.5 °C (-40 °F +150 °F)

Tube: noir, opaque et résistant à l'UV, anti-statique
Armature: Tuyau polyurethane renforcé par tissu en polyester et hélice PVC rigide
Application: Transfert d'hydrocarbures pour depotage de camions citernes
Température: -40 °C +65.5 °C (-40 °F +150 °F)

Series							Standard Length
	inch/Po	inch/Po	psi/bar @ 68° F	in. @ 68° F	kg/m	lb(ft)/lb(pi)	ft/pi
TV202	2.02	2.46	17/1.17	3	0.76	0.51	100/60
TV303	3.03	3.57	11/.75	3.5	1.16	0.78	100/60
TV404	4.04	4.61	9/.62	4.5	1.64	1.1	100/60



Series TV

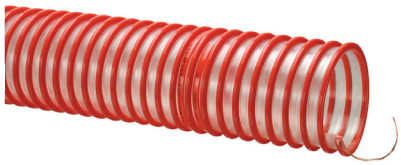
Tigervapor™ Clear: Vapor Recovery Hose
Tigervapor™ Clear: Tuyau de récuperation de vapeur

Tube: See-through construction
Reinforcement: Polyurethane hose with rigid PVC helix
Use: Tank truck & terminal vapor recovery tranfser
Temperature: -40 °C +65.5 °C (-40 °F +150 °F)

Tube: Construction transparente
Armature: Tuyau en polyurethane avec hélice en PVC rigide
Application: Camions citernes de récupération & tranfser de vapeur et d'essence
Température: -40 °C +65.5 °C (-40 °F +150 °F)

ALFAGOMMA

Series							Standard Length
	inch/Po	inch/Po	psi/bar @ 68° F	in. @ 68° F	kg/m	lb(ft)/lb(pi)	ft/pi
TDHBK303	3.03	3.54	13/.89	4.5	1.41	0.95	100/60
TDHBK404	4.04	4.61	11/.75	5.5	1.89	1.27	100/60



Series TVHD

Tigervapor HD™: Vapor Recovery Hose

Tigervapor HD™: Tuyau de récupération de vapeur

Tube: See-through construction
Reinforcement: Polyurethane hose with rigid PVC helix
Use: Tank truck & terminal vapor recovery tranfser
Temperature: -40 °C +65.5 °C (-40 °F +150 °F)

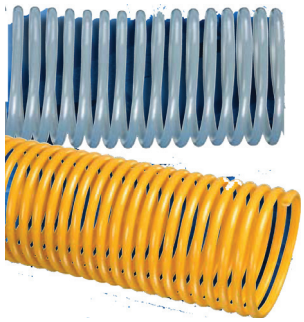
Tube: Construction transparente
Armature: Tuyau polyurethane avec hélice en PVC rigide
Application: Camion citerne de recuperation et transfer de vapeurs d'essence.
Température: -40 °C +65.5 °C (-40 °F +150 °F)

Part #	Fits Hose	Color	Weight (lbs/ea.)
BCCF3	2.02	Clear	0.34
BCCF4	4.04	Clear	0.72

TDH, TDHBK & Transfer Hoses

Part #	Fits Hose	Color	Weight (lbs/ea.)
BCYL2	2.02	Yellow	0.25
BCYL3	3.30	Yellow	0.45
BCYL4	4.04	Yellow	0.75

TV & TVHD Vapor Recovery Hoses



BC Series

Banding Coils

Manchettes spiral

Tube: Rigid PVC coils
Use: Provides smoother surface for banding behind coupler

Tube: Bobines rigide en PVC
Application: Fournit une surface lisse pour le baguage derrière le coupleur

HYDROCARBONS

ALFAGOMMA

Part #	Fits Hose	Color	Standard Length (ft.)	Weight (lbs/ea.)
SLV-DRP3X3	3.03	Green	3	3.06
SLV-DRP4X3	4.04	Green	3	4.29

TDH, TDHBKDrop & Transfer Hoses

Part #	Fits Hose	Color	Standard Length (ft.)	Weight (lbs/ea.)
SLV-VAP2X3	2.02	Yellow	3	1.80
SLV-VAP3X3	3.03	Yellow	3	3.09
SLV-VAP4X3	4.04	Yellow	3	4.20

TV & TVHD Vapor Recovery Hoses

SLV Series

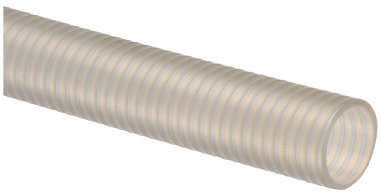
Banding Sleeves

Manchette de recouvrement

Provides smoother surface for banding behind coupler, helps prevent overbending; cut into approx. 12-inch lengths, screw into hose; Refer to hose assembly coupling installation suggestions and technical specifications

Tube: Bobines rigide en PVC
Application: Fournit une surface lisse pour le baguage derrière le coupleur

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	240/16	125	5,00		0,590	0,400
25	1	37	1,46	240/16	150	6,00		0,720	0,480
32	1 1/4	44	1,73	240/16	175	7,00		0,900	0,600
38	1 1/2	51	2,01	240/16	225	9,00		1,060	0,710
51	2	67	2,64	240/16	275	11,00		1,640	1,100
63	2 1/2	79	3,11	240/16	300	12,00		1,980	1,330
76	3	92	3,62	240/16	350	14,00		2,430	1,630
102	4	120	4,72	240/16	450	17,50		3,630	2,440
152	6	170	6,69	240/16	750	29,50		5,460	3,670
203	8	225	8,86	240/16	750	29,50		7,430	4,990



Series OV - Oil Vac™

Heavy Duty Smooth OD Polyurethane Hose

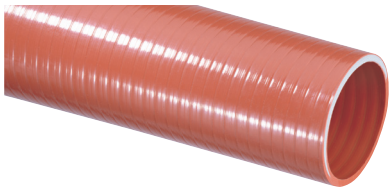
Tuyau polyurethane, service sévère, OD lisse

Tube: See-through construction
Reinforcement: Polyurethane hose with rigid PVC helix
Use: Heavy-duty suction & light discharge of oil, fuel & grease
Temperature: -40 °C +65.5 °C (-40 °F +150 °F)

Armature: Tuyau transparent
Application: Succion service sévère pour décharges d'huile, hydrocarbures et graise.
Température: -40 °C +65.5 °C (-40 °F +150 °F)

ALFAGOMMA

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	240/16	125	5,00		0,590	0,400
25	1	37	1,46	240/16	150	6,00		0,720	0,480
32	1 1/4	44	1,73	240/16	175	7,00		0,900	0,600
38	1 1/2	51	2,01	240/16	225	9,00		1,060	0,710
51	2	67	2,64	240/16	275	11,00		1,640	1,100
63	2 1/2	79	3,11	240/16	300	12,00		1,980	1,330
76	3	92	3,62	240/16	350	14,00		2,430	1,630
102	4	120	4,72	240/16	450	17,50		3,630	2,440
152	6	170	6,69	240/16	750	29,50		5,460	3,670
203	8	225	8,86	240/16	750	29,50		7,430	4,990



Series ORV

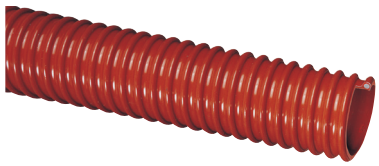
Oil Resistant Heavy Duty Smooth OD PVC Hose

Tuyau PVC, résistant à l'huile service sévère, OD lisse

Reinforcement: Oil resistant PVC hose with PVC helix
Use: Heavy-duty suction of light discharge of oils & oil slurries, oil skimming
Temperature: +15 °C +65.5 °C (+5 °F +150 °F)

Armature: Tuyau en PVC résistant à l'huile avec hélice en PVC
Application: Succion service sévère pour décharges légère d'huile, boue d'huile écrémage d'huile.
Température: +15 °C +65.5 °C (+5 °F +150 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	31	1,22	240/16	125	5,00		0,590	0,400
25	1	37	1,46	240/16	150	6,00		0,720	0,480
32	1 1/4	44	1,73	240/16	175	7,00		0,900	0,600
38	1 1/2	51	2,01	240/16	225	9,00		1,060	0,710
51	2	67	2,64	240/16	275	11,00		1,640	1,100
63	2 1/2	79	3,11	240/16	300	12,00		1,980	1,330
76	3	92	3,62	240/16	350	14,00		2,430	1,630
102	4	120	4,72	240/16	450	17,50		3,630	2,440
152	6	170	6,69	240/16	750	29,50		5,460	3,670
203	8	225	8,86	240/16	750	29,50		7,430	4,990



Series WOR

Oil Resistant Heavy Duty Conveluted OD PVC Hose

Tuyau PVC, résistant à l'huile, service sévère, OD ondulée

Reinforcement: Oil resistant PVC hose with PVC helix
Use: Heavy-duty suction of light discharge of oils & oil slurries, oil skimming
Temperature: +15 °C +65.5 °C (+5 °F +150 °F)

Armature: Tuyau en PVC résistant à l'huile avec hélice en PVC
Application: Succion service sévère pour décharges légère d'huile, boue d'huile écrémage d'huile.
Température: +15 °C +65.5 °C (+5 °F +150 °F)

MARINE

				psi/bar		Vacuum Rating (inches Hg)		Approx.Bending Radius	Standard Length		
mm	inch/Po	mm	inch/Po	68°F	104°F	68°F	104°F	@68°F	(Ft.)	kg/m	lb(ft)/lb(pi)
25,4	1	31,0	1,22	45/3	15/1.03	Full	24	1”	100	0,22	0,15
32,0	1 1/4	38,0	1,49	40/2.7	12/.82	Full	24	1,5”	100	0,30	0,20
38,1	1 1/2	45,0	1,77	40/2.7	12/.82	Full	24	2”	100	0,37	0,25
50,8	2	59,0	2,32	35/2.4	10/.68	26	20	2,5”	100	0,46	0,31

Series MH

Odor-retardant PVC marine sanitary hose.

Tuyau sanitaire anti-odeurs en PVC pour marines.

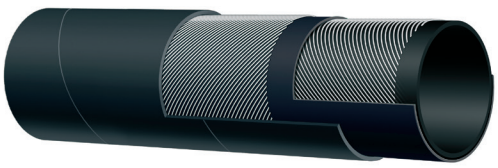
Tube: Special odor-retardant cream-colored PVC construction
Reinforcement: Smooth bore construction for unrestricted flow
Cover: Conveluted design for extra flexibility in confined bilge areas
Use: Marine bilge discharge and toilette tranfer; Recreational vehicle & marine plumbing; Dockside pump-out lines
Temperature: -20°C +68°C (-4 °F +150 °F)

Tube: PVC couleur crème
Armature: Construction lisse - débit sans restrictions
Revetement: Ondulée pour plus de fléxibilité dans le fond de cal.
Application: Pompage de cale marine et transfert de déchets sanitaires; véhicules récréatifs et plomberie marine; lignes de vidanges de quai
Température: -20°C +68°C (-4 °F +150 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1	35	1,38	45/3				0,600	0,400
28	1 1/8	38	1,50	45/3				0,660	0,440
32	1 1/4	42	1,65	45/3				0,730	0,490
35	1 3/8	45	1,77	45/3				0,790	0,530
38	1 1/2	48	1,89	45/3				0,850	0,570
42	1 5/8	52	2,05	45/3				0,930	0,630
45	1 3/4	55	2,17	45/3				0,990	0,670
48	1 7/8	58	2,28	45/3				1,050	0,710
51	2	63	2,48	45/3				1,360	0,910
55	2 1/6	67	2,64	45/3				1,450	0,970
57	2 1/4	69	2,72	45/3				1,500	1,010
60	2 3/8	74	2,91	45/3				1,840	1,240
63	2 1/2	77	3,03	45/3				1,930	1,300
76	3	90	3,54	45/3				2,310	1,550
90	3 1/2	104	4,09	45/3				2,750	1,850
102	4	116	4,57	45/3				3,070	2,060
115	4 1/2	129	5,08	45/3				3,430	2,310
127	5	141	5,55	45/3				3,780	2,540
152	6	168	6,61	45/3				4,610	3,100
168	6 5/8	184	7,24	45/3				5,040	3,390
203	8	221	8,70	45/3				7,010	4,710

RINA

LLOYD'S



653AA

Marine exhaust - soft wall
SAE J2006/R1 ISO 13363/1/A+B

Échappement marine - parois souples
SAE J2006/R1 ISO 13363/1/A+B

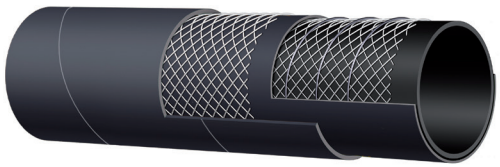
Tube: Black NBR
Reinforcement: High tensile textile cords
Cover: Black NBR/PVC - abrasion, ozone and hydrocarbon resistant
Use: Marine wet exhaust. Also suitable for bilge pump connection
Safety factor: 5:1
Temperature: -30 °C +100 °C (-22 °F +212 °F)

Tube: NBR noir
Armature: nappes textiles haute tenacité
Revetement: mélange NBR/PVC noir - résistant a l’abrasion, a l’ozone et aux hydrocarbures
Application: Échappement mouillé marin. Convient aussi pour connexion pompe de cale
Normes de sécurité: 5:1
Température: -30 °C +100 °C (-22 °F +212 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
25	1	35	1,38	45/3	75	3,00	100	0,730	0,490
28	1 1/8	38	1,50	45/3	84	3,25	100	0,800	0,540
30	1 3/16	40	1,57	45/3	90	3,50	100	0,830	0,560
32	1 1/4	42	1,65	45/3	96	3,75	100	0,880	0,590
35	1 3/8	45	1,77	45/3	105	4,25	100	0,940	0,630
38	1 1/2	48	1,89	45/3	114	4,50	100	1,010	0,680
40	1 9/16	50	1,97	45/3	120	4,75	100	1,060	0,710
42	1 5/8	52	2,05	45/3	126	5,00	100	1,100	0,740
45	1 3/4	55	2,17	45/3	135	5,25	100	1,170	0,790
48	1 7/8	58	2,28	45/3	144	5,75	100	1,240	0,830
51	2	61	2,40	45/3	153	6,00	100	1,310	0,880
57	2 1/4	67	2,64	45/3	171	6,75	100	1,440	0,970
60	2 3/8	70	2,76	45/3	180	7,00	100	1,670	1,120
63	2 1/2	73	2,87	45/3	189	7,50	90	1,750	1,180
70	2 3/4	80	3,15	45/3	210	8,25	90	1,940	1,300
76	3	86	3,39	45/3	228	9,00	90	2,090	1,400
80	3 1/8	90	3,54	45/3	240	9,50	90	2,190	1,470
90	3 1/2	100	3,94	45/3	270	10,50	90	2,550	1,710
102	4	114	4,49	45/3	306	12,00	90	3,310	2,220
115	4 1/2	127	5,00	45/3	345	13,50	90	3,700	2,490
127	5	141	5,55	45/3	381	15,00	80	5,110	3,430
152	6	166	6,54	45/3	456	18,00	80	6,320	4,250
203	8	221	8,70	45/3	609	24,00	70	9,700	6,520

RINA

LLOYD'S



621AA

Marine exhaust - hard wall
SAE J2006/R2 ISO 13363/2/A+B
Échappement marine - parois rigides
SAE J2006/R2 ISO 13363/2/A+B

Tube: Black NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black NBR/PVC - abrasion, ozone and hydrocarbon resistant
Use: Marine wet exhaust. Also suitable for bilge pump connection. Designed for excellent kink resistance at tight bend radius and maximum flexibility
Safety factor: 5:1
Temperature: -30 °C +100 °C (-22 °F +212 °F)

Tube: NBR noir
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: mélange NBR/PVC noir - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: Échappement mouillé marin. Convient aussi pour connextion de pompe de cale. Concu pour résistance contre l'entortillement au radius de courbe serrés et fléxibilité maximale
Normes de sécurité: 5:1
Température: -30 °C +100 °C (-22 °F +212 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
19	3/4			120/8	75	3,00	70	0,300	0,200
25	1			120/8	120	4,75	70	0,380	0,255
38	1 1/2			90/6	170	6,75	70	0,580	0,390

266LL

Marine sanitary hose - PVC
Tuyau sanitaire en PVC pour marine

Construction: White thermoplastic elastomer
Reinforcement: White shock resistant rigid PVC
Use: Sanitary hose for marine installations
Safety factor: 3:1
Temperature: -5 °C +60 °C (+23 °F +140 °F)

Construction: élastomère blanc en thermoplastique
Armature: PVC blanc rigid; résistant aux chocs
Application: Tuyau sanitaire pour les installations marines
Normes de sécurité: 3:1
Température: -5 °C +60 °C (+23 °F +140 °F)

ALFAGOMMA

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
20	13/16	28	1,10	75/5	80	3,00	85	0,340	0,230
25	1	33	1,30	75/5	100	4,00	85	0,530	0,360
38	1 1/2	48	1,89	60/4	152	6,00	85	0,855	0,570

470LL

Marine sanitary hose - steel helix wire

Tuyau sanitaire pour marine - spirales en acier noyées

Construction: White PVC - abrasion and ozone resistant
Reinforcement: Steel helix wire
Use: Sanitary hose for marine installations
Safety factor: 3:1
Temperature: -5 °C +60 °C (+23 °F +140 °F)

Tube: PVC blanc - résistant a l'abrasion et a l'ozone
Armature: spirales acier noyées
Application: Tuyau sanitaire pour les installations marines
Normes de sécurité: 3:1
Température: -5 °C +60 °C (+23 °F +140 °F)

DOCK

 **60LAA** Fuel-oil S&D 7 bar (100 psi) - EN 1765/S7 141

 **60AAA** Fuel-oil S&D 7 bar (100 psi) - EN 1765/S7 141

 **60MAA** Fuel-oil S&D 10 bar (150 psi) - EN 1765/S10 142

 **60DAA** Fuel-oil S&D 10 bar (150 psi) - EN 1765/S10 142

 **64AAA** Fuel-oil delivery 10 bar (150 psi) - EN 1765/L10 143

 **60NAA** Fuel-oil S&D 15 bar (225 psi) - EN 1765/S15 143

 **60GAA** Fuel-oil S&D 15 bar (225 psi) - EN 1765/S15 144

 **64DAA** Fuel-oil delivery 15 bar (225 psi) - EN 1765/L15 144

FLOATING ROOF TANK DRAIN

 **906AA** Roof drain 10 bar (150 psi) 145

RIG SUPPLY

 **642AA** Rig supply soft wall - fuel-liquid mud 10 bar (150 psi) 146

 **646AA** Rig supply soft wall - fuel-liquid mud 16 bar (240 psi) - end load resistance 6.000 kg 146

 **648AA** Rig supply soft wall - fuel-liquid mud 20 bar (300 psi) - end load resistance 8.000 kg 147

 **652AA** Rig supply soft wall - fuel-liquid mud - end load resistance 10.000 kg 147

 **615AA** Rig supply hard wall - fuel-liquid mud 148

 **742AA** Rig supply soft wall - bulk material 10 bar (150 psi) 148

 **748AA** Rig supply soft wall - bulk material 20 bar (300 psi) - end load resistance 8.000 kg 149

 **715AA** Rig supply hard wall - bulk material 10 bar (150 psi) 149

 **725AA** Drilling waste - Hard wall 15 bar (225 psi) - end load resistance 12,000 kg 150

 **641AA** Fuel & Oil delivery 17 bar (225 psi) - end load resistance 5,000 kg 150

RIG SUPPLY


727AA Drilling waste - hard wall 10 bar (150 psi) - end load resistance 26.000 kg.....151


442LI Rig supply soft wall - potable water 10 bar (150 psi) - FDA.....151


448LI Rig supply soft wall - potable water 20 bar (300 psI
end load resistance 8.000 kg - FDA.....152


415LI Rig supply hard wall - potable water 10 bar (150 psi) - FDA.....152


230AH Firewater 20 bar (300 psi).....153


953AE General purpose 20 bar (300 psi) - EPDM.....153

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
75	3	98	3,86	100/7	450	18,00	85	4,700	3,160
100	4	124	4,88	100/7	600	24,00	85	6,100	4,100
150	6	180	7,09	100/7	850	34,00	85	12,200	8,200
200	8	233	9,17	100/7	1100	44,00	85	16,300	10,950

60LAA

Fuel-oil S&D 7 bar (100 psi)
EN 1765/S7
Carburant-Pétrole S&D 7 bar (100 psi)
EN 1765/S7

Tube: Black NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black CR- abrasion, ozone, sea water and hydrocarbon resistant
Use: Crude oil and liquid petroleum products suction and delivery to/ from tankers and bunkering vessels.
Max 55% aromatic content resistance.
Electrically continuous (discontinuous on request)
AVAILABLE WITH SWAGED FITTINGS
Safety factor: 4:1
Temperature: -20 °C +82 °C (-4 °F +180 °F)

Tube: NBR noir
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: CR noir - résistant à l'abrasion, à l'ozone, eau de mer et aux hydrocarbures
Application: Pétrole brut et produits pétroliers liquides, succion et distribution au / à partir de citernes et des navires de soutage. Max 55% de résistance à teneur aromatiques. Électriquement continu (discontinu sur demande).
Disponible avec raccords à sertir
Normes de sécurité: 4:1
Température: -20 °C +82 °C (-4 °F +180 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
100	4			100/7	500	20,00	100	10,200	6,850
150	6			100/7	750	30,00	100	15,900	10,690
200	8			100/7	1000	40,00	100	24,300	16,330
250	10			100/7	1250	50,00	100	33,900	22,780
300	12			100/7	1500	60,00	100	45,800	30,780

60AAA

Fuel-oil S&D 7 bar (100 psi)
EN 1765/S7
Carburant-Pétrole S&D 7 bar (100 psi)
EN 1765/S7

Tube: Black NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black CR- abrasion, ozone, sea water and hydrocarbon resistant
Use: Crude oil and liquid petroleum products suction and delivery to/ from tankers and bunkering vessels.
Max 55% aromatic content resistance.
Electrically continuous (discontinuous on request)
BUILT-IN FITTINGS
ALSO AVAILABLE:
• 60BAA 100% aromatic content
• 60CAA biofuel
Safety factor: 4:1
Temperature: -20 °C +82 °C (-4 °F +180 °F)

Tube: NBR noir
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: CR noir - résistant à l'abrasion, à l'ozone, eau de mer et aux hydrocarbures
Application: Pétrole brut et produits pétroliers liquides, succion et distribution au / à partir de citernes et des navires de soutage. Max 55% de résistance à teneur aromatiques. Électriquement continu (discontinu sur demande). Raccords intégres
Aussi disponible:
• 60BAA 100% contenu aromatique
• 60CAA biofuel
Normes de sécurité: 4:1
Température: -20 °C +82 °C (-4 °F +180 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
75	3	100	3,94	150/10	450	18,00	85	4,660	3,130
100	4	126	4,96	150/10	600	24,00	85	6,100	4,100
150	6	182	7,17	150/10	850	34,00	85	12,200	8,200
200	8	235	9,25	150/10	1100	44,00	85	17,300	11,630

60MAA

Fuel-oil S&D 10 bar (150 psi)
EN 1765/S10
Carburant-Pétrole S&D 10 bar (150 psi)
EN 1765/S10

Tube: Black NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black CR- abrasion, ozone, sea water and hydrocarbon resistant
Use: Crude oil and liquid petroleum products suction and delivery to/ from tankers and bunkering vessels.
Max 55% aromatic content resistance.
Electrically continuous (discontinuous on request)
Available with swaged fittings
Safety factor: 4:1
Temperature: -20 °C +82 °C (-4 °F +180 °F)

Tube: NBR noir
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: CR noir - résistant à l'abrasion, à l'ozone, eau de mer et aux hydrocarbures
Application: Pétrole brut et produits pétroliers liquides, succion et distribution au / à partir de citernes et des navires de soutage. Max 55% de résistance à teneur aromatiques. Électriquement continu (discontinu sur demande).
Disponible avec raccords à sertir
Normes de sécurité: 4:1
Température: -20 °C +82 °C (-4 °F +180 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
100	4			150/10	500	20,00	100	10,200	6,850
150	6			150/10	750	30,00	100	15,900	10,690
200	8			150/10	1000	40,00	100	24,300	16,330
250	10			150/10	1250	50,00	100	33,900	22,780
300	12			150/10	1500	60,00	100	45,800	30,780

60DAA

Fuel-oil S&D 10 bar (150 psi)
EN 1765/S10
Carburant-Pétrole S&D 10 bar (150 psi)
EN 1765/S10

Tube: Black NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black CR- abrasion, ozone, sea water and hydrocarbon resistant
Use: Crude oil and liquid petroleum products suction and delivery to/ from tankers and bunkering vessels.
Max 55% aromatic content resistance.
Electrically continuous (discontinuous on request)
Built-in fittings
Also available:
• 60EAA 100% aromatic content
• 60FAA biofuel
Safety factor: 4:1
Temperature: -20 °C +82 °C (-4 °F +180 °F)

Tube: NBR noir
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: CR noir - résistant à l'abrasion, à l'ozone, eau de mer et aux hydrocarbures
Application: Pétrole brut et produits pétroliers liquides, succion et distribution au / à partir de citernes et des navires de soutage. Max 55% de résistance à teneur aromatiques. Électriquement continu (discontinu sur demande).
Disponible avec raccords à sertir
Aussi disponible:
• 60EAA 100% contenu aromatique
• 60FAA biofuel
Normes de sécurité: 4:1
Température: -20 °C +82 °C (-4 °F +180 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
100	4			150/10	600	24,00		6,700	4,500
150	6			150/10	900	36,00		11,000	7,390
200	8			150/10	1200	48,00		16,100	10,820
250	10			150/10	1500	60,00		20,100	13,510
300	12			150/10	1800	72,00		25,000	16,800

64AAA

Fuel-oil delivery 10 bar (150 psi)
EN 1765/L10
Distribution de Carburant-Pétrole 10 bar (150 psi) EN 1765/L10

Tube: Black NBR
Reinforcement: High tensile textile cords
Cover: Black CR- abrasion, ozone, sea water and hydrocarbon resistant
Use: Crude oil and liquid petroleum products delivery to/from tankers and bunkering vessels.
Max 55% aromatic content resistance.
Electrically continuous (discontinuous on request)
Built-in fittings
Also available:
• 64BAA 100% aromatic content
• 64CAA biofuel
Safety factor: 4:1
Temperature: -20 °C +82 °C (-4 °F +180 °F)

Tube: NBR noir
Armature: nappes textiles haute tenacité
Revetement: CR noir - résistant à l'abrasion, à l'ozone, eau de mer et aux hydrocarbures
Application: Pétrole brut et produits pétroliers liquides, succion et distribution au / à partir de citernes et des navires de soutage. Max 55% de résistance à teneur aromatiques. Électriquement continu (discontinu sur demande). Raccords intégres
Aussi disponible:
• 64BAA 100% contenu aromatique
• 64CAA biofuel
Normes de sécurité: 4:1
Température: -20 °C +82 °C (-4 °F +180 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
75	3	100	3,94	225/15	375	15,00	85	4,710	3,170
100	4	126	4,96	225/15	500	20,00	85	6,250	4,200
150	6	184	7,24	225/15	750	30,00	85	12,400	8,330

60NAA

Fuel-oil S&D 15 bar (225 psi)
EN 1765/S15
Carburant-Pétrole S&D 15 bar (225 psi) EN 1765/S15

Tube: Black NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black CR- abrasion, ozone, sea water and hydrocarbon resistant
Use: Crude oil and liquid petroleum products suction and delivery to/from tankers and bunkering vessels.
Max 55% aromatic content resistance.
Electrically continuous (discontinuous on request)
Also available:
• 64BAA 100% aromatic content
• 64CAA biofuel
Safety factor: 4:1
Temperature: -20 °C +82 °C (-4 °F +180 °F)

Tube: NBR noir
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: CR noir - résistant à l'abrasion, à l'ozone, eau de mer et aux hydrocarbures
Application: Pétrole brut et produits pétroliers liquides, succion et distribution au / à partir de citernes et des navires de soutage. Max 55% de résistance à teneur aromatiques. Électriquement continu (discontinu sur demande). Raccords intégres
Aussi disponiple:
• 64BAA 100% contenu aromatique
• 64CAA biofuel
Normes de sécurité: 4:1
Température: -20 °C +82 °C (-4 °F +180 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
100	4			225/15	500	20,00	100	11,000	7,390
150	6			225/15	750	30,00	100	17,100	11,490
200	8			225/15	1000	40,00	100	26,500	17,810
250	10			225/15	1250	50,00	100	36,600	24,600
300	12			225/15	1500	60,00	100	51,400	34,540

60GAA

Fuel-oil S&D 15 bar (225 psi)
EN 1765/S15
Carburant-Pétrole S&D 15 bar (225 psi)
EN 1765/S15

Tube: Black NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black CR- abrasion, ozone, sea water and hydrocarbon resistant
Use: Crude oil and liquid petroleum products suction and delivery to/ from tankers and bunkering vessels.
Max 55% aromatic content resistance.
Electrically continuous (discontinuous on request)
Built-in fittings
Also available:
• 60HAA 100% aromatic content
• 60IAA biofuel
Safety factor: 4:1
Temperature: -20 °C +82 °C (-4 °F +180 °F)

Tube: NBR noir
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: CR noir - résistant à l'abrasion, à l'ozone, eau de mer et aux hydrocarbures
Application: Pétrole brut et produits pétroliers liquides, succion et distribution au / à partir de citernes et des navires de soutage. Max 55% de résistance à teneur aromatiques. Électriquement continu (discontinu sur demande). Raccords intégres
Aussi disponiple:
• 60HAA 100% contenu aromatique
• 60IAA biofuel
Normes de sécurité: 4:1
Température: -20 °C +82 °C (-4 °F +180 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
100	4			225/15	600	24,00		7,500	5,040
150	6			225/15	900	36,00		13,400	9,010
200	8			225/15	1200	48,00		18,100	12,160
250	10			225/15	1500	60,00		24,700	16,600
300	12			225/15	1800	72,00		31,400	21,100

64DAA

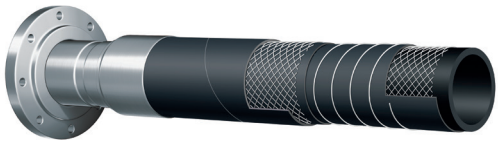
Fuel-oil delivery 15 bar (225 psi) EN 1765/L15
Distribution de carburant-pétrole 15 bar (225 psi) EN 1765/L15

Tube: Black NBR
Reinforcement: High tensile textile cords
Cover: Black CR- abrasion, ozone, sea water and hydrocarbon resistant
Use: Crude oil and liquid petroleum products delivery to/from tankers and bunkering vessels.
Max 55% aromatic content resistance.
Electrically continuous (discontinuous on request)
Built-in fittings
Also available:
• 64EAA 100% aromatic content
• 64FAA biofuel
Safety factor: 4:1
Temperature: -20 °C +82 °C (-4 °F +180 °F)

Tube: NBR noir
Armature: nappes textiles haute tenacité
Revetement: CR noir - résistant à l'abrasion, à l'ozone, eau de mer et aux hydrocarbures
Application: Pétrole brut et produits pétroliers liquides distribution au / à partir de citernes et des navires de soutage. Max 55% de résistance à teneur aromatiques. Électriquement continu (discontinu sur demande). Raccords intégres
Aussi disponiple:
• 64EAA 100% contenu aromatique
• 64FAA biofuel
Normes de sécurité: 4:1
Température: -20 °C +82 °C (-4 °F +180 °F)

FLOATING ROOF TANK DRAIN

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
76	3	102	4,02	150/10	380	15,00	90	4,780	3,210
102	4	128	5,04	150/10	510	20,00	90	6,340	4,260
152	6	180	7,09	150/10	760	30,00	80	10,550	7,090



906AA

Roof drain 10 bar (150 psi)

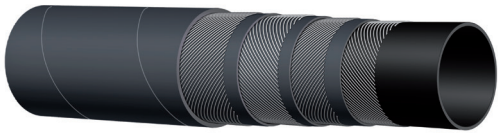
Drainage de toitures 10 bar (150 psi)

Tube: Black conductive NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black conductive NBR- abrasion, ozone and hydrocarbon resistant
Use: Rain water drainage in floating petrochemical storage tank roofs. 80% max aromatic content resistance
Also available:
• 905AA 100% aromatic
Available with swaged fittings
Safety factor: 3:1
Temperature: -20 °C +82 °C (-4 °F +180 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: NBR noir conducteur - résistant à l'abrasion, à l'ozone et aux hydrocarbures
Application: Drainage de pluie de réservoirs d'entreposage flottantes de toits contenant de la pétrochimie. 80% max de résistance à teneur aromatiques
Aussi disponiple:
• 905AA 100% aromatic
Disponible avec raccords à sertir
Normes de sécurité: 3:1
Température: -20 °C +82 °C (-4 °F +180 °F)

RIG SUPPLY

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
76	3	94	3,70	150/10				2,780	1,870
102	4	120	4,72	150/10				3,670	2,470
127	5	145	5,71	150/10				4,540	3,050
152	6	170	6,69	150/10				5,440	3,660



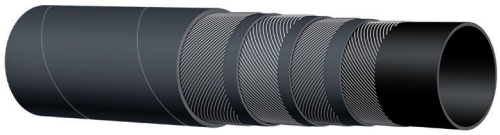
642AA

Rig supply soft wall
fuel-liquid mud 10 bar (150 psi)
Ravitaillement plates-formes - parois souples
Hydrocarbures-boue liquide 10 bar (150psi)

Tube: Black conductive NBR
Reinforcement: High tensile textile cords
Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant
Use: Fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and barite transfer.
Safety factor: 4:1
Temperature: -30 °C +70 °C (-22 °F +158 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité
Revetement: CR noir conducteur - résistant a l'abrasion, a l'ozone, aux hydrocarbures et a la flamme
Application: ravitaillement de liquids, d'hydrocarbures et huiles de cargos citernes aux plate-formes hors-côte. Convient également
pour l'eau de mer de pompage et le transfert de barytine
Normes de sécurité: 4:1
Température: -30 °C +70 °C (-22 °F +158 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
76	3	94	3,70	240/16				2,560	1,720
102	4	120	4,72	240/16				3,220	2,160



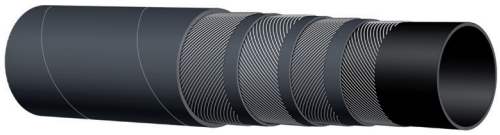
646AA

Rig supply soft wall
fuel-liquid mud 16 bar (240 psi)
end load resistance 6.000 kg
Ravitaillement plates-formes - parois souples; Hydrocarbures-boue liquide 16 bar (240 psi); Résistance à la traction 6.000 kg

Tube: Black conductive NBR
Reinforcement: High tensile textile cords
Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant
Use: Fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and barite transfer. Specially designed for reeling applications and weak link couplings use.
Max utilized load 4.000 kg
Safety factor: 4:1
Temperature: -30 °C +70 °C (-22 °F +158 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité
Revetement: CR noir conducteur - résistant a l'abrasion, a l'ozone, aux hydrocarbures et a la flamme
Application: ravitaillement de boue liquid, d'hydrocarbures et huiles de cargos citernes aux plate-formes hors-côte. Convient également pour l'eau de mer de pompage et le transfert de barytine. Spécialement conçu pour les applications de bobinage et raccords maillon faible. Charge maximale utilisé 4.000 kg
Normes de sécurité: 4:1
Température: -30 °C +70 °C (-22 °F +158 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
76	3	94	3,70	300/20				2,560	1,720
102	4	120	4,72	300/20				3,350	2,250



648AA

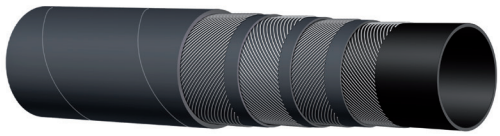
Rig supply soft wall fuel-liquid mud 20 bar (300 psi) end load resistance 8.000 kg

Ravitaillement plates-formes - parois souples; Hydrocarbures-boue liquide 20 bar (300psi). Résistance à la traction 8.000 kg

Tube: Black conductive NBR
Reinforcement: High tensile textile cords
Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant
Use: Fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and barite transfer. Specially designed for reeling applications and weak link couplings use. Max utilized load 5.333 kg
Safety factor: 4:1
Temperature: -30 °C +70 °C (-22 °F +158 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité
Revetement: CR noir conducteur - résistant a l'abrasion, a l'ozone, aux hydrocarbures et a la flamme
Application: ravitaillement de boue liquid, d'hydrocarbures et huiles de cargos citernes aux plate-formes hors-côte. Convient également pour l'eau de mer de pompage et le transfert de barytine. Spécialement conçu pour les applications de bobinage et raccords maillon faible. Charge maximale utilisé 5.333 kg
Normes de sécurité: 4:1
Température: -30 °C +70 °C (-22 °F +158 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
76	3	100	3,94	600/40				3,960	2,660
102	4	126	4,96	525/35				4,770	3,210



652AA

Rig supply soft wall; Fuel-liquid mud; End load resistance 10.000 kg

Ravitaillement plates-formes - parois souples; Hydrocarbures-boue liquide; Résistance à la traction 10.000 kg

Tube: Black conductive NBR
Reinforcement: High tensile textile cords
Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant
Use: Fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and barite transfer. Specially designed for reeling applications and weak link couplings use. Max utilized load 6.667 kg
Safety factor: 4:1
Temperature: -30 °C +70 °C (-22 °F +158 °F)

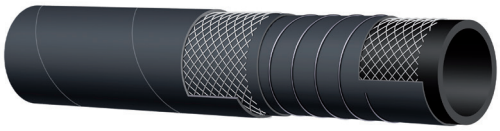
Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité
Revetement: CR noir conducteur - résistant a l'abrasion, a l'ozone, aux hydrocarbures et a la flamme
Application: ravitaillement de boue liquid, d'hydrocarbures et huiles de cargos citernes aux plate-formes hors-côte. Convient également pour l'eau de mer de pompage et le transfert de barytine. Spécialement conçu pour les applications de bobinage et raccords maillon faible. Charge maximale utilisé 6.667 kg
Normes de sécurité: 4:1
Température: -30 °C +70 °C (-22 °F +158 °F)

RIG SUPPLY

ALFAGOMMA

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
76	3	92	3,62	240/16	380	15,00	90	3,260	2,190
102	4	120	4,72	240/16	510	20,00	90	4,870	3,270
127	5	147	5,79	150/10	635	25,00	80	6,950	4,670
152	6	172	6,77	150/10	760	30,00	80	8,680	5,830

DNV



615AA

Rig supply hard wall fuel-liquid mud
Ravitaillement plates-formes - Hydrocarbures 16 bar. Trbf 131/2

Tube: Black conductive NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant
Use: Fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and barite transfer
Safety factor: 4:1
Temperature: -30 °C +70 °C (-22 °F +158 °F)

Tube: NR noir conducteur
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: mélange NBR/PVC noir conducteur - résistant a l'abrasion, a l'ozone, aux hydrocarbures et a la flamme
Application: ravitaillement d'hydrocarbures et huiles de cargos citernes aux plate-formes hors-côte.
Normes de sécurité: 4:1
Température: -30 °C +70 °C (-22 °F +158 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
102	4	122	4,80	150/10				3,910	2,630
127	5	147	5,79	150/10				4,820	3,240

DNV

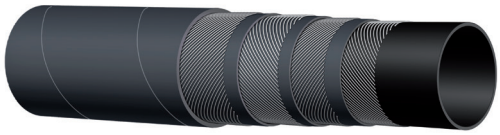
742AA

Rig supply soft wall bulk material 10 bar (150 psi)
Ravitaillementlates-formes - produits pulverulents - 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Bulk material, barite and dry cement transfer from supply vessels to offshore platforms
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant a l'abrasion
Armeture: nappes textiles haute tenacité
Revetements: mélange SBR/NR noir conducteur - résistant a l'abrasion et a l'ozone
Application: transfert de produits pulverulents. specialement concu pour refoulement sévère de baryte et de ciment en poudre des cargos-citernes aux plates-formes hors-côte.
Normes de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
102	4	122	4,80	300/20				4,180	2,810
127	5	151	5,94	300/20				5,060	3,400



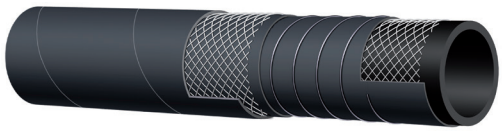
748AA

Rig supply soft wall
bulk material 20 bar (300 psi)
end load resistance 8.000 kg
Ravitaillement plate-formes-produits pulvérulents 20 bar-résistant a la traction 8000kg-dnv

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Bulk material, barite and dry cement transfer from supply vessels to offshore platforms.
Specially designed for reeling applications and weak link couplings use. Max utilized load 5.333 kg
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant a l'abrasion
Armature: nappes textiles haute tenacité
Revetements: mélange SBR/NR noir conducteur - résistant a l'abrasion et a l'ozone
Application: transfert de produits pulvérulents, baryte et ciment sec des cargos-citernes aux plates-formes hors-côte. Specialement concu pour utilisation avec coupleurs "weak link" sur devidoirs. max utilisation de charge 5.333 kg
Normes de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
102	4	122	4,80	150/10	408	16,00	90	4,810	3,230
127	5	149	5,87	150/10	635	25,00	80	6,990	4,700



715AA

Rig supply hard wall
bulk material 10 bar (150 psi)
Ravitaillement plates-formes, parois rigides pulvérulants 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Bulk material, barite and dry cement transfer from supply vessels to offshore platforms
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant à l'abrasion
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: SBR/NR noir conducteur - résistant a l'abrasion et à l'ozone.
Application: Décharge de matériaux pulvérulants, la barytine et transfert de ciment sec de navires de ravitaillement aux plates-formes hors-côte
Normes de sécurité: 4:1
Température:-30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
102	4	130	5.118	225/15			80	7.800	5.240
152	6	184	7.244	225/15			80	13.300	8.937

DNV

725AA

Drilling waste - Hard wall 15 bar (225 psi); end load resistance 12,000 kg

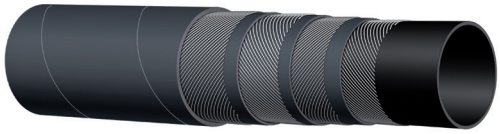
Décharge de forage - parois rigide 15 bar (225 psi), résistant à fin de charge 12.000 kg

Tube: Black conductive NBR
Reinforcement: High tensile textile cords with embedded steel helix wire boot straps
Cover: Black NBR/PVC - abrasion, ozone and hydrocarbon resistant
Use: Dumpline for drill cutting containing oil, sea water and sand. Also suitable for liquid mud and barite transfer. Special end load resistance and heavy duty construction
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité avec spirales en acier noyées/sangles de bottes de fil en acier intégré
Revetement: NBR/PVC noir - résistant a l'abrasion, à l'ozone et aux hydrocarbures.
Application: Décharge pour les déblais de forage contenant du sable, l'eau de mer et d'huile. Convient également pour le transfert de boue liquide et barytine. Service sévère, construction de chargement haute gamme.
Normes de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	%	kg/m	lb(ft)/lb(pi)
102	4.015	122	5.118	250/17	+ - 3.0	90	4.260	2.863
127	5.000	147	5.787s	250/17	+ - 3.0	90	5.090	3.420
152	5.9842	172	7.244	250/17	+ - 3.0	90	6.100	4.099

DNV



641AA

Fuel & Oil delivery 17 bar, end load resistance 5,000 kg

Distribution d'ydrocarbures & d'huile 17 bar, résistant à fin de charge 5.000 kg

Tube: Black conductive NBR
Reinforcement: High tensile textile cords - boot straps
Cover: Black NBR/PVC blend- abrasion, ozone, hydrocarbon & fire resistant
Use: Fuel & oil delivery with up to 50% aromatic content. Specially designed for oil transfer in offshore applications.
Temperature: -30 °C +70 °C (-22 °F +158 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité - sangles de bottes
Revetement: Melange de NBR/PVC noir - résistant a l'abrasion, à l'ozone, hydrocarbures et feu.
Application: Distibution de carburant et huile avec jusqu'à 50% contenu aromatique. Specialement concu pour transbordement de pétrole dans les applications hors-côte.
Température: -30 °C +70 °C (-22 °F +158 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
152	6	188	7,40	150/10			80	15,520	10,430

727AA

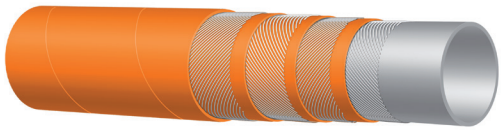
Drilling waste - hard wall 10 bar (150 psi) end load resistance 26.000 kg

Décharge de forage - parois rigide 10 bar (150 psi), résistant à fin de charge 26.000 kg

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords with embedded steel helix wire - boot straps
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Dumpline for drill cuttings containing sand, sea water and abrasive material. Also suitable for barite transfer.
Heavy duty, high end load construction.
Not to be used with oil based mud
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant à l'abrasion
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetement: SBR/NR noir conducteur - résistant a l'abrasion et à l'ozone.
Application: Décharge pour les déblais de forage contenant du sable, l'eau de mer et d'abrasifs. Convient également pour le transfert de barytine. Service sévère, construction de chargement haute gamme.
De ne pas être utilisées avec la boue à base d'huile.
Normes de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
76	3	94	3,70	150/10				2,860	1,920
102	4	120	4,72	150/10				3,770	2,530



442LI

Rig supply soft wall potable water 10 bar (150 psi) FDA

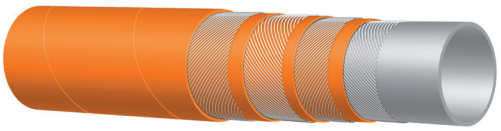
Fourniture de plates-formes, parois souples Eau potable 10 bar (150 psi) FDA

Tube: White NR
Reinforcement: High tensile textile cords
Cover: Orange NBR/PVC - abrasion, ozone and hydrocarbon resistant
Use: Potable water transfer from supply vessels to offshore platforms. Sterilize with 5% soda solution
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR blanc
Armature: nappes textiles haute tenacité
Revetement: NBR/PVC orange - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: transfert d'eau potable des cargos-citernes aux plates-formes offshore. Stérilisez avec solution de soda a 5%.
Normes de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
102	4	120	4,72	300/20				4,140	2,780

DNV



448LI

Rig supply soft wall
potable water 20 bar (300 psi)
end load resistance 8.000 kg FDA

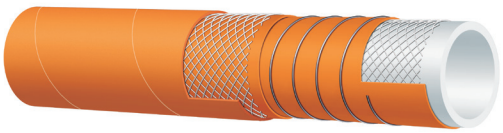
Ravitaillement plates-formes - eau potable 20 bar (300 psi) - resistant a la traction 8000 kg FDA

Tube: White NR
Reinforcement: High tensile textile cords
Cover: Orange NBR/PVC - abrasion, ozone and hydrocarbon resistant
Use: Potable water transfer from supply vessels to offshore platforms. Specially designed for reeling applications and weak link couplings use. Sterilize with 5% soda solution
Max utilized load 5.333 kg
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR blanc
Armature: nappes textiles haute tenacité
Revetements: mélange NBR/PVC orange - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: transfert d'eau potable des cargos-citernes aux plates-formes hors-côte. Specialement concu pour utilisation avec coupleurs weak link sur devidoirs.
Normes de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
76	3	92	3,62	150/10	304	12,00	90	3,610	2,430
102	4	120	4,72	150/10	408	16,00	90	4,810	3,230

DNV



415LI

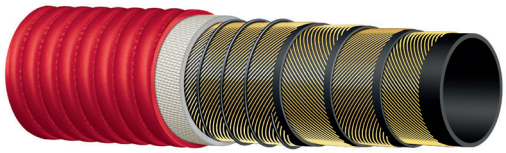
Rig supply hard wall potable water
10 bar (150 psi) FDA

Ravitaillement plates-formes - eau potable 10 bar (150 psi) - anti ecrasement FDA

Tube: White NR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Orange NBR/PVC - abrasion, ozone and hydrocarbon resistant
Use: Potable water transfer from supply vessel to offshore platforms. Sterilize with 5% soda solution
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR blanc
Armature: nappes textiles haute tenacité avec spirales acier noyées
Revetements: mélange NBR/PVC orange - résistant a l'abrasion, a l'ozone et aux hydrocarbures
Application: transfert d'eau potable des cargos-citernes aux plates-formes hors-côte. sterilisation avec eau et soude maxi 5%.
Normes de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
76	3	106	4,17	300/20	456	18		5,700	3,830
102	4	132	5,20	300/20	612	24		7,450	5,010
127	5	157	6,18	300/20	762	30		9,700	6,520
152	6	192	7,56	300/20	912	36		18,900	12,700
203	8	243	9,57	300/20	1218	48		25,600	17,200



230AH

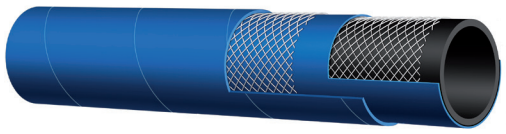
Firewater 20 bar (300 psi)

Firewater (Eau de feu) 20 bar (300 psi)

Tube: Black conductive NBR
Reinforcement: High tensile steel cords.
ID >= 152 mm with embedded steel helix wire
Cover: Fiberglass fabric coated with red fire resistant CSM
Use: Firewater mains systems on board off shore installations and sea going vessels.
ID >= 152 mm corrugated construction for maximum flexibility
Safety factor: 5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR noir conducteur
Armature: nappes textiles haute tenacité; ID >= 152 mm avec spirales en acier noyées
Revetement: Fibre de verre enduit avec CSM rouge résistant au feu
Application: installations de systèmes d'eau de feu (firewater) à bord des navires de mer au large. ID >= 152 mm construction ondulé pour une flexibilité maximale.
Normes de sécurité: 5:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
13	1/2	23	0,91	300/20				0,350	0,235
19	3/4	31	1,22	300/20				0,580	0,390
25	1	37	1,46	300/20				0,730	0,490
38	1 1/2	52	2,05	300/20				1,070	0,720
51	2	67	2,64	300/20				1,880	1,260
63	2 1/2	81	3,19	300/20				2,300	1,550
76	3	94	3,70	300/20				2,790	1,880
90	3 1/2	108	4,25	300/20				3,440	2,310



953AE

General purpose 20 bar (300 psi) - EPDM

Usage générale 20 bar (300 psi) - EPDM

Tube: Black EPDM
Reinforcement: High tensile textile cords
Cover: Blue EPDM - abrasion and ozone resistant
Use: Air, water and mild chemicals delivery
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: EPDM noir
Armature: nappes textiles haute tenacité
Revetements: EPDM bleu - résistant a l'abrasionet a l'ozone
Application: transfert d'air, d'eau et de produits chimiques doux
Normes de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

MINING / MINES


151AA Compressed air 20 bar (300 psi) - heavy duty mining.....155


151AK Compressed air 20 bar (300 psi) - heavy duty mining.....155


157AA Compressed air 27 bar (400 psi) - heavy duty mining.....156


157AK Compressed air 27 bar (400 psi) - heavy duty mining 156


189AK Air-water delivery - PVC - FRAS - AS 2660/A AS/NZS 2554/A 157


146AK Compressed air - water 70 bar (1000 psi) - Steel Braided Reinforced.....157


131AA Compressed air 70 bar (1000 psi) - steel reinforced - FRAS - exceeds AS 2660/B.....158


170AA Compressed air 100 bar (1500 psi) - steel braided 158


289GG Mine dewatering - PVC - lay flat.....159


240AA Air-water delivery 20 bar (300 psi) - FRAS - exceeds AS 2660/B.....159


241AA Air-water delivery 35 bar (525 psi) - FRAS - exceeds AS 2660/B.....160


225AA General purpose S&D 10 bar (150 psi) - FRAS - exceeds AS 2660/C.....160


245AA General purpose delivery & light suction - 27 bar (400 psi) - crush resistant - FRAS - exceeds AS 2660/B..161


226AA Multipurpose S&D 20 bar (150 psi) - exceeds BCS 352.....161


242AA Multipurpose delivery 20 bar (300 psi) - exceeds BCS 182 162


756AA Gunite 14 bar (200 psi) - FRAS - exceeds AS 2660/C.....162


765AA Stone dust 7 bar (100 psi) - FRAS - AS 2660/C.....163


707AA Abrasive slurry S&D 10 bar (150 psi) - muff couplings.....163

MUFF COUPLINGS for 707AA

Coupling for 707AA Hose - Fixed flange..... 164
Coupling for 707AA Hose - Fixed flange.....164
Cone Ring Gasket..... 164


776AA Mineral sampling 35 bar (525 psi) 165


776JA Mineral sampling 35 bar (525 psi)..... 165

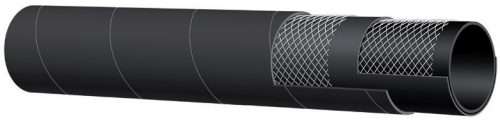

714HA 1/8” Drill cuttings suction 5 bar (75 psi) - corrugated red pure gum tube - AS 2187/2 166


660AA Nitro blast loading - AS 2187-2 166


612AA Nitro blast handling 20 bar (300 psi) 167


964AA Cable protection - FRAS - AS 1802 AS 2660 167

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
13	1/2	23	0,91	300/20				0,420	0,280
19	3/4	31	1,22	300/20				0,680	0,460
25	1	37	1,46	300/20				0,840	0,560
38	1 1/2	52	2,05	300/20				1,240	0,830
51	2	67	2,64	300/20				2,160	1,450
76	3	93	3,66	300/20				3,190	2,140



151AA

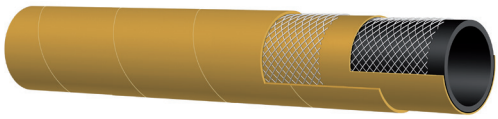
Compressed air 20 bar (300 psi) heavy duty mining

Air comprimé 20 bar (300 psi) service sévère pour mines

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile textile cords
Cover: Black SBR - abrasion and ozone resistant
Use: Compressed air designed for heavy duty mining applications
Safety factor: 3:1
Temperature: -40 °C +80 °C (-40 °F +176 °F)

Tube: SBR/NBR noir - résistant aux projections d'huile
Armature: Nappes de cables acier haute tenacité
Revetement: SBR noir - résistant à l'abrasion et à l'ozone
Application: Air comrimé pour service sévère pour mines
Norme de sécurité: 3:1
Température: -40 °C +80 °C (-40 °F +176°F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
13	1/2	23	0,91	300/20				0,430	0,290
19	3/4	31	1,22	300/20				0,700	0,470
25	1	37	1,46	300/20				0,860	0,580
38	1 1/2	52	2,05	300/20				1,260	0,850
51	2	67	2,64	300/20				2,210	1,490



151AK

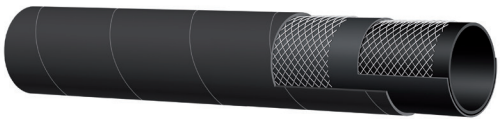
Compressed air 20 bar (300 psi) heavy duty mining

Air comprimé 20 bar (300 psi) service sévère pour mines

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile textile cords
Cover: Yellow SBR - abrasion and ozone resistant
Use: Compressed air designed for heavy duty mining applications
Safety factor: 3:1
Temperature: -40 °C +80 °C (-40 °F +176 °F)

Tube: SBR/NBR noir - résistant aux projections d'huile
Armature: Nappes de cables acier haute tenacité
Revetement: SBR jaune - résistant à l'abrasion et à l'ozone
Application: Air comrimé pour service sévère pour mines
Norme de sécurité: 3:1
Température: -40 °C +80 °C (-40 °F +176°F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
19	3/4	33	1,30	400/27	190	7,50		0,680	0,460
25	1	39	1,54	400/27	250	10,00		0,840	0,560
32	1 1/4	48	1,89	400/27	320	12,50		1,240	0,830
38	1 1/2	54	2,13	400/27	380	15,00		1,410	0,950
51	2	69	2,72	40/27	510	20,00		2,060	1,380



157AA

Compressed air 27 bar (400 psi) heavy duty mining

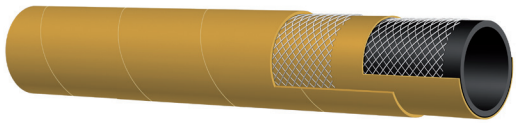
Air comprimé 27 bar (400 psi) service sévère pour mines

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile textile cords
Cover: Black NBR/PVC - oil, abrasion and ozone resistant
Use: Compressed air designed for heavy duty mining applications
Safety factor: 3:1
Temperature: -40 °C +100 °C (-40 °F +212 °F)

Tube: SBR/NBR noir - résistant aux projections d'huile
Armature: Nappes de cables acier haute tenacité
Revetement: PVC/NBR NOIR - résistant l'huile, à l'abrasion et à l'ozone
Application: Air comrimé pour service sévère pour mines
Norme de sécurité: 3:1
Température: -40 °C +100 °C (-40 °F +212 °F)

NB: We recommened DIXON Ground Joint BOSS Fittings

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	21	0,83	400/27	130	5,11		0,320	0,215
19	3/4	29	1,14	400/27	190	7,50		0,560	0,380
25	1	35	1,38	400/27	250	10,00		0,710	0,480
32	1 1/4	44	1,73	400/27	320	12,50		0,920	0,620
38	1 1/2	50	1,97	400/27	380	15,00		1,050	0,710
51	2	65	2,56	400/27	510	20,00		1,690	1,140



157AK

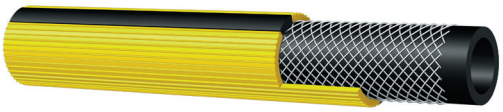
Compressed air 27 bar (400 psi) heavy duty mining

Air comprimé 27 bar (400 psi) service sévère pour mines

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile textile cords
Cover: Yellow SBR - abrasion and ozone resistant
Use: Compressed air designed for heavy duty mining applications
Safety factor: 3:1
Temperature: -40 °C +100 °C (-40 °F +212 °F)

Tube: SBR/NBR noir - résistant aux projections d'huile
Armature: Nappes textiles haute tenacité
Revetement: SBR/NBR jaune - résistant à l'abrasion et à l'ozone
Application: Air comrimé pour service sévère
Norme de sécurité: 3:1
Température: -40 °C +100 °C (-40 °F +212°F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
13	1/2	21	0,83	300/20	104	4,00		0,270	0,180
19	3/4	29	1,14	300/20	152	6,00		0,485	0,330
25	1	35	1,38	525/35	200	8,00		0,565	0,380



189AK

Air-water delivery - PVC - FRAS
AS 2660/A AS/NZS 2554/A
Refoulement d'air-d'eau - PVC - FRAS
AS 2660/A AS/NZS 2554/A

Tube: Black antistatic PVC
Reinforcement: High tensile textile cords
Cover: Yellow ribbed PVC with longitudinal antistatic stripes - abrasion and ozone resistant
Use: Compressed air in underground mining applications. Specially designed for roof bolting applications
Safety factor: <= 19 mm 3,5:1 25 mm 2:1
Temperature: -5 °C +60 °C (-23 °F +140 °F)

Tube: PVC noir - antistatique
Armature: Nappes textiles haute tenacité
Revetement: PVC jaune à nervures avec bandes longitudinales antistatique - résistant à l'abrasion et à l'ozone
Application: Air comrimé pour pour applications de mines souterraines
Norme de sécurité: <= 19 mm 3,5:1 25 mm 2:1
Température: -5 °C +60 °C (-23 °F +140 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	28	1,10	1000/70	95	3,75		0,660	4,773
25	1	34	1,34	1000/70	125	5,00		0,860	6,220
32	1 1/4	41	1,61	1000/70	160	6,25		1,110	8,029
38	1 1/2	49	1,93	1000/70	190	7,50		1,600	11,573
51	2	63	2,48	1000/70	255	10,00		2,180	15,768
63	2 1/2	77	3,03	1000/70	315	12,50		3,120	22,567

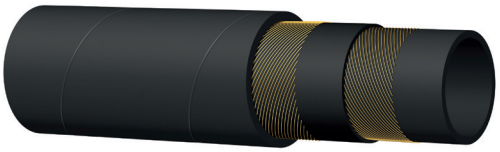
146AK

Compressed air-water 70 bar (1000 psi) Steel Braided Reinforced
Air-eau comprimé 70 bar (1000 psi) renforcé de tresse d'acier

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile steel wire braids
Cover: Yellow SBR/NBR - abrasion, ozone, hydrocarbon and flame resistant - pin pricked
Use: High pressure compressed air and water in heavy duty mining where long service life and maximum safety is required. Ideal for water spraying in mining dust control operation
Safety factor: <= 51 mm 4:1 >= 63 mm 3:1
Temperature: -40 °C +90 °C (-40 °F +200 °F)

Tube: SBR/NBR noir - résistant aux projections d'huile
Armature: Nappes de cables acier haute tenacité
Revetement: SBR/NBR jaune - résistant à l'abrasion et à l'ozone,- micro perfore
Application: Air comrimé a haute pression pour mines et carrieres, concu pour longue durée en service sévère
Facteur de sécurité: <= 51 mm 4:1 >= 63 mm 3:1
Température: -40 °C +90 °C (-40 °F +200 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
38	1 1/2	52	2,05	1000/70	190	7,50		1,460	0,980
51	2	65	2,56	1000/70	255	10,00		2,180	1,470
63	2 1/2	83	3,27	1000/70	315	12,50		3,820	2,570
76	3	96	3,78	600/40	380	15,00		3,500	2,350
102	4	122	4,80	600/40	510	20,00		5,200	3,490



131AA

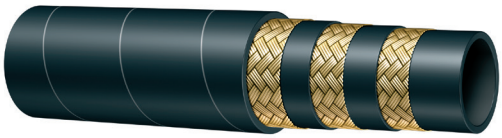
Compressed air 70 bar (1000 psi) steel reinforced - FRAS exceeds AS 2660/B

Air comprimé - 70 bar (1000psi) tresses en acier - FRAS dépasse AS 2660/B

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile steel cords
Cover: Black conductive SBR - abrasion, ozone and fire resistant
Use: High pressure compressed air and water in heavy duty "long wall" mining where long service life and maximum safety is required
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: SBR/NBR noir - résistant aux projections d'huile
Armature: Nappes de cables acier haute tenacité
Revetement: SBR noir conducteur - résistant au feu, à l'abrasion et à l'ozone
Application: Air et eau comrimé a haute pression pour service sévère pour mines a "long mur" où la sécurité et long durée de vie maximale est requise.
Norme de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176°F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
63	2 1/2	86	3,39	1500/100	760	30,00		5,230	3,510
63	2 1/2	93	3,66	1500/100	760	30,00		6,650	4,470
76	3	100	3,94	1500/100	910	36,00		6,700	4,500
76	3	105	4,13	1500/100	910	36,00		7,780	5,230



170AA

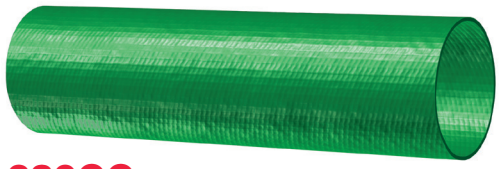
Compressed air 100 bar (1500 psi) steel braided

Air comprimé - 100 bar (1500psi) tresses en acier

Tube: Black NBR
Reinforcement: High tensile steel braids
Cover: Black CR/SBR - abrasion, ozone and hydrocarbon resistant
Use: Heavy duty high pressure compressed air.
Specially designed for mobile drilling rigs
Safety factor: 4:1
Temperature: -40 °C +90 °C (-40 °F +200 °F)

Tube: NBR noir
Armature: Tresses en acier de haute tenacité
Revetement: CR/SBR noir - résistant à l'abrasion, à l'ozone et aux hydrocarbures
Application: Air comrimé pour service sévère
Norme de sécurité: 4:1
Température: -40 °C +90 °C (-40 °F +200°F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
105	4	113	4,45	200/14				1,740	1,170
157	6	167	6,57	150/10				3,300	2,220
208	8	220	8,66	150/10				5,140	3,450



289GG

Mine dewatering - PVC - lay flat

Tube: Green PVC
Reinforcement: High tensile textile cords
Cover: Green PVC - abrasion, ozone and cut resistant
Use: Lay flat water discharge for heavy duty applications. Specially designed for mine and construction sites dewatering. High end load resistance
Safety factor: 4:1
Temperature: -10 °C +60 °C (+14 °F +140 °F)

Tube: PVC vert
Armature: Nappes de cables acier haute tenacité
Revetement: PVC vert - résistant à l'abrasion, à l'ozone et aux coupures
Application: évacuation d'eau a plat pour les services sévères. Spécialement conçu pour les sites de construction et miniers pour la déshydratation. Haute résistance de charge d'extrémités.
Norme de sécurité: 4:1
Température: -10 °C +60 °C (+14 °F +140 °F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
13	1/2	23	0,91	300/20				0,320	0,215
19	3/4	31	1,22	300/20				0,530	0,360
25	1	37	1,46	300/20				0,670	0,450
32	1 1/4	46	1,81	300/20				1,020	0,690
38	1 1/2	52	2,05	300/20				1,160	0,780
51	2	67	2,64	300/20				1,740	1,170
63	2 1/2	80	3,15	300/20				2,150	1,440
76	3	93	3,66	300/20				2,550	1,710
102	4	119	4,69	300/20				3,420	2,300

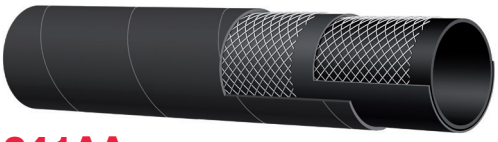
240AA

Air-water delivery 20 bar (300 psi) - FRAS exceeds AS 2660/B

Tube: Black conductive SBR/NR
Reinforcement: High tensile textile cords
Cover: Black conductive SBR - abrasion, ozone and fire resistant
Use: Air, water and stone dust delivery in underground mines
Safety factor: <= 63 mm 4:1 76 mm-102 mm 3,5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: SBR/NR noir - conductive
Armature: Nappes de cables acier haute tenacité
Revetement: SBR noir conducteur- résistant au feu, à l'abrasion et à l'ozone
Application: Air, eau et la prestation de poussière de pierre dans les mines souterraines
Norme de sécurité: <= 63 mm 4:1 76 mm-102 mm 3,5:1
Température: -30 °C +80 °C (-22 °F +176°F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
13	1/2	23	0,91	525/35				0,330	0,220
19	3/4	32	1,26	525/35				0,550	0,370
25	1	38	1,50	525/35				0,730	0,490
38	1 1/2	54	2,13	525/35				1,240	0,830
76	3	95	3,74	525/35				2,930	1,970



241AA

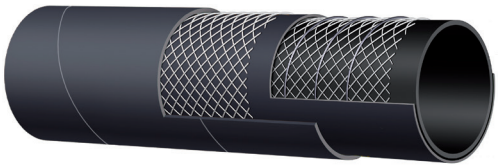
Air-water delivery 35 bar (525 psi) - FRAS exceeds AS 2660/B

Refoulement d'air-eau - 35 bar (525 psi) - FRAS dépasse AS 2660/B

Tube: Black conductive SBR/NR
Reinforcement: High tensile textile cords
Cover: Black conductive SBR - abrasion, ozone and fire resistant
Use: Air, water and stone dust delivery in underground mines
Safety factor: <= 38 mm 4:1 76 mm 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR/NR noir - conductive
Armature: Nappes de cables en acier de haute tenacité
Revetement: SBR noir conductive - résistant à l'abrasion, à l'ozone, et au feu
Application: Refoulement d'air, d'eau et de poussière de pierre pour mines souterraines
Norme de sécurité: <= 38 mm 4:1 76 mm 3:1
Température: -30 °C +80 °C (-22 °F +176°F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
51	2	61	2,40	150/10	204	8,00	100	1,200	0,810
63	2 1/2	75	2,95	150/10	252	10,00	90	1,920	1,290
76	3	88	3,46	150/10	304	12,00	90	2,280	1,530
102	4	116	4,57	150/10	408	16,00	90	3,520	2,370
152	6	170	6,69	150/10	760	30,00	80	6,650	4,470



225AA

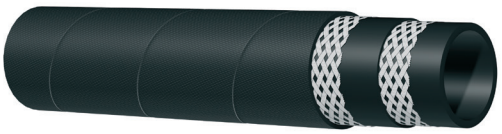
General purpose S&D 10 bar (150 psi) FRAS; exceeds AS 2660/C

Usage géneral pour aspiration et refoulement 10 bar (150 psi) dépasse AS 2660/C

Tube: Black conductive SBR/NR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black conductive SBR - abrasion, ozone and fire resistant
Use: Water and stone dust suction and delivery. Also suitable for methane drainage/extraction in underground coal mines
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR/NR noir - conductive
Armature: Nappes de cables en acier de haute tenacité avec spirale en acier intégrée
Revetement: SBR noir conductive - résistant à l'abrasion, à l'ozone, et au feu
Application: Aspiration et refoulement de poussière de pierre. Aussi pour le dégazage du méthane / extraction dans les mines de charbon souterraines
Norme de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176°F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
51	2	73	2,87	400/27			60	2,370	1,590



245AA

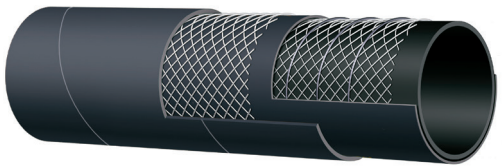
General purpose delivery & light suction 27 bar (400 psi) - crush resistant - FRAS exceeds AS 2660/B

Usage géneral pour aspiration légere et refoulement - 27 bar (400 psi) - résistant à l'écrasement - FRAS dépasse AS 2660/B

Tube: Black conductive SBR/NR
Reinforcement: High tensile textile braids
Cover: Black conductive SBR - abrasion, ozone and fire resistant
Use: Air and water delivery-light suction.
Special heavy wall braided construction for vacuum, crush and kink resistance.
Ideal for methane drainage/extraction in underground coal mines.
Vacuum resistance 60%
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR/NR noir - conductive
Armature: Haute tension de braid textile
Revetement: SBR noir conductive - résistant à l'abrasion, à l'ozone, et au feu
Application: Aspiration légere et refoulement d'air et d'eau. Paroi épaisse spécial, construction de tresses pour asspiration, résistance à l'écrasement et la torsion. Idéal pour le dégazage du méthane / extraction dans les mines de charbon souterraines. Résistance d'aspiration 60%
Norme de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176°F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
51	2	61	2,40	150/10	204	8,00	100	1,180	0,790
57	2 1/4	67	2,64	150/10	204	8,00	100	1,300	0,870
63	2 1/2	75	2,95	150/10	252	10,00	90	1,900	1,280
76	3	88	3,46	150/10	304	12,00	90	2,260	1,520
102	4	116	4,57	150/10	408	16,00	90	3,400	2,280



226AA

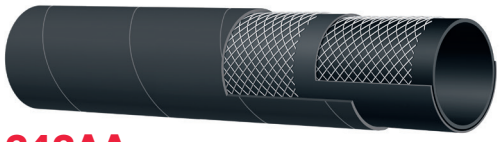
Multipurpose S&D 20 bar (150 psi) exceeds BCS 352

Usage géneral pour aspiration et refoulement d'air et d'eau - 20 bar (150 psi) dépasse BCS 352

Tube: Black conductive NBR
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black conductive NBR/PVC - abrasion, ozone, hydrocarbon and fire resistant
Use: Air, water and oil delivery in underground mines
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR noir - conductive
Armature: Nappes de cables en acier de haute tenacité avec spirale en acier intégrée
Revetement: NBR/PVC noir conductive - résistant à l'abrasion, à l'ozone, au feu et aux hydrocarbures
Application: Refoulement d'air/ eau/ huile pour pour applications de mines sourterraines
Norme de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176°F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
13	1/2	23	0,91	300/20				0,350	0,235
19	3/4	31	1,22	300/20				0,540	0,360
25	1	37	1,46	300/20				0,670	0,450
32	1 1/4	46	1,81	300/20				0,960	0,650
38	1 1/2	52	2,05	300/20				1,110	0,750
51	2	67	2,64	300/20				1,610	1,080
76	3	94	3,70	300/20				2,850	1,920



242AA

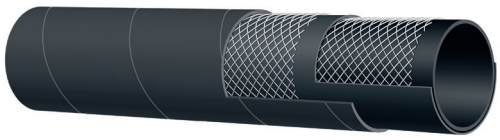
Multipurpose delivery 20 bar (300 psi) exceeds BCS 182

Usage géneral pour refoulement - 20 bar (300 psi) dépasse BCS 182

Tube: Black conductive NBR
Reinforcement: High tensile textile cords
Cover: Black conductive NBR/PVC - abrasion, ozone, hydrocarbon and fire resistant
Use: Air, water and oil delivery in underground mines
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NBR noir - conductive
Armature: Nappes de cables de haute tenacité
Revetement: NBR/PVC noir conductive - résistant à l'abrasion, à l'ozone, au feu et aux hydrocarbures
Application: Refoulement d'air/ eau/ huile pour pour applications
de mines souterraines
Norme de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176°F)

mm	inch	mm	inch	psi/bar	mm	inch	%	kg/m	lb/ft
38	1 1/2	62	2,44	200/14				2,230	1,500
51	2	75	2,95	200/14				2,850	1,920



756AA

Gunite 14 bar (200 psi) - FRAS exceeds AS 2660/C

Beton Gunite 14 bar (200 psi) - FRAS dépasse AS 2660/C

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR - abrasion, ozone and fire resistant
Use: Gunite
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir - conductive
Armature: Nappes de cables de haute tenacité
Revetement: SBR noir conductive - résistant à l'abrasion, à l'ozone, au feu
Application: Gunite
Norme de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176°F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
32	1 1/4	46	1,81	100/7				0,940	0,630
38	1 1/2	52	2,05	100/7				1,090	0,730
51	2	65	2,56	100/7				1,430	0,960

765AA

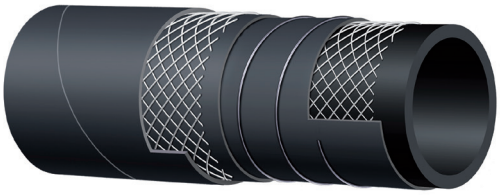
Stone dust 7 bar (100 psi) - FRAS AS2660/C

Poussieres de roche 7 bar (100 psi) - FRAS AS 2660/C

Tube: Black conductive SBR/NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR - abrasion, ozone and fire resistant
Use: “Stone dusting” in underground mines.
Also suitable for air and water delivery
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: SBR/NBR noir - résistant à l’abraision
Armature: Nappes textiles
Revetement: SBR noir - résistant à l’abrasion, à l’ozone, au feu
Application: Poussieres de roche dans les mines, air, eau
Facteur de sécurité: 4:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	69	2,72	150/10	204	8,00	90	2,190	1,470
76	3	98	3,86	150/10	304	12,00	90	4,040	2,720
102	4	124	4,88	150/10	408	16,00	90	5,400	3,630
127	5	153	6,02	150/10	635	25,00	80	7,350	4,940
152	6	178	7,01	150/10	760	30,00	80	9,360	6,290
203	8	237	9,33	150/10	1015	40,00	70	17,320	11,640
254	10	292	11,50	150/10	1270	50,00	70	23,720	15,940



707AA

Abrasive slurry S&D 10 bar (150 psi) muff couplings

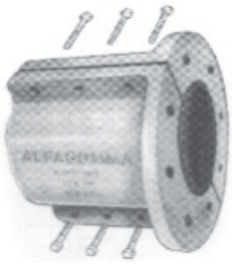
Aspiration et refoulement de boue de mine 10 bar (150 psi) - colliers a brides

Tube: Black conductive NR Abrasion resistance 50 mm³ (ISO 4649/A)
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Bulk material and abrasive slurries suction and delivery in heavy duty mining. Designed for muff coupling use
Safety factor: <= 127 mm 3:1 >152 mm 2,5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - resistant a l’abrasion env. 50 Mm3 (ISO 4649/A)
Armature: nappes textiles haute tenacite avec spirales acier noyées
Revetement: mélange SBR/NR noir conducteur - résistant a l’abrasion et a l’ozone
Application: aspiration et refoulement de produits pulverulents et de boue abrasive. Concu pour longue durée en applications minieres - service sévère. Prévu pour montage avec raccords demi-coquilles a brides.
Normes de sécurité: <= 127 mm 3:1 >152 mm 2,5:1
Température: -30 °C +80 °C (-22 °F +176 °F)

MUFF COUPLING

Coupling for 706AA Hose - Fixed flange

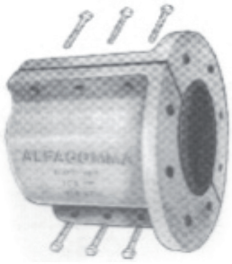


Code	Hose ID in	Hose ID mm	Hose OD Max mm	Flange type	Material
I5MBZ61A-076102	3	76	102	TABLE D	ALLUMINIUM
I5MBZ61A-102128	4	102	128	TABLE D	ALLUMINIUM
I5MBZ61A-127159	5	127	159	TABLE D	ALLUMINIUM
I5MBZ61A-152184	6	152	184	TABLE D	ALLUMINIUM
I5MBZ61A-203235	8	203	235	TABLE D	ALLUMINIUM
I5MBZ61A-254286	10	254	286	TABLE D	ALLUMINIUM
I5MBZ61A-300344	12	300	344	TABLE D	ALLUMINIUM

FLANGE ASA 150 AVAILABLE ON REQUEST

MUFF COUPLING

Coupling for 707AA Hose - Fixed flange

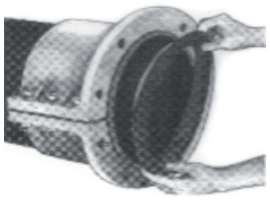


Code	Hose ID in	Hose ID mm	Hose OD Max mm	Flange type	Material
I5MBZ61A-051069	2	51	69	TABLE D	ALLUMINIUM
I5MBZ61A-076098	3	76	98	TABLE D	ALLUMINIUM
I5MBZ61A-102124	4	102	124	TABLE D	ALLUMINIUM
I5MBZ61A-152178	6	152	178	TABLE D	ALLUMINIUM
I5MBZ61A-203237	8	203	237	TABLE D	ALLUMINIUM
I5MBZ61A-254292	10	254	292	TABLE D	ALLUMINIUM

FLANGE ASA 150 AVAILABLE ON REQUEST

MUFF COUPLING

Cone ring gasket



Code	Hose ID mm	Hose OD min in	Material
IAJMD1-051	2	50	MILD STEEL + NR
IAJMD1-076	3	76	MILD STEEL + NR
IAJMD1-102	4	102	MILD STEEL + NR
IAJMD1-127	5	127	MILD STEEL + NR
IAJMD1-152	6	152	MILD STEEL + NR
IAJMD1-203	8	203	MILD STEEL + NR
IAJMD1-254	10	254	MILD STEEL + NR
IAJMD1-300	12	300	MILD STEEL + NR

mm	inch/Po	mm	inch/Po	psi	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	77	3,03	525	204	8,00	100	3,070	2,060
76	3	106	4,17	525	304	12,00	90	5,000	3,360
102	4	134	5,28	525	408	16,00	90	7,290	4,900

776AA

Mineral sampling 35 bar (525 psi)

Carottage de produits Mineraux 35 bar (525 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Mineral recovery in sampling operations
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant a l'abrasion
Armature: nappes textiles haute tenacite avec spirales acier noyées
Revetement: mélange SBR/NR noir conducteur - résistant a l'abrasion et a l'ozone
Application: prélèvement de produits mineraux lors du forage.
Normes de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch	mm	inch	bar	psi	mm	inch	%	kg/m	lb/ft
76	3	106	4,17	35	525	304	12,00	90	4,940	3,320

776JA

Mineral sampling 35 bar (525 psi)

Carottage de produits Mineraux 35 bar (525 psi)

Tube: Beige NR - abrasion resistant
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Mineral recovery in sampling operations
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant a l'abrasion
Armature: nappes textiles haute tenacite avec spirales acier noyées
Revetement: mélange SBR/NR noir conducteur - résistant a l'abrasion et a l'ozone
Application: prélèvement de produits mineraux lors du forage.
Normes de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	63	2,48	75/5	204	8,00	90	1,320	0,890
76	3	92	3,62	75/5	304	12,00	90	2,760	1,850
102	4	116	4,57	75/5	408	16,00	90	3,350	2,250
127	5	143	5,63	75/5	635	25,00	80	4,980	3,350
152	6	170	6,69	75/5	760	30,00	80	6,810	4,580

NB: 1/8 Alfagomma red pure gum tube

TOP

714HA / Industrial Vaccum 1/8”

Drill cutting suction 5 bar (75 psi) - corrugated red pure gum tube

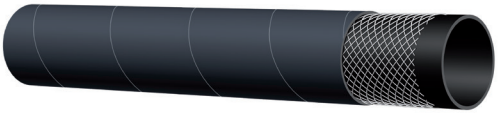
Aspiration de particules abrasives avec couvert ondulé 5 bar (75 psi) pure gum rouge

Tube: Red NR - abrasion resistant
Reinforcement: High tensile textile fabric with embedded steel helix wire - antistatic wire
Cover: Black conductive SBR/NR blend - abrasion and ozone resistant
Use: Material handling suction and delivery. Special lightweight construction for maximum flexibility in industrial vacuum equipment.
Temperature: -40 °C +100 °C (-40 °F +212 °F)

Tube: Rouge NR - résistant à l’abrasion
Armature: nappes textiles haute tenacite avec spirales acier - antistatique
Revetement: mélange NBR/PVC noir conducteur - résistant a l’abrasion et a l’ozone
Application: aspiration et chargement. Léger pour flexibilité maximal pour equipement d’aspiration industrielle.
Température: -40 °C +100 °C (-40 °F +212 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
19	3/4	25	0,98					0,200	0,135

Ω



660AA

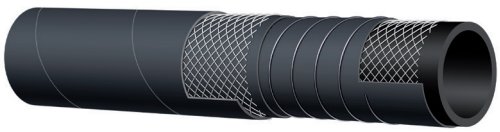
Nitro blast loading AS 2187-2

Chargement d’explosifs nitro AS 2187-2

Tube: Black conductive NBR - abrasion resistant
Reinforcement: High tensile textile fabric
Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant
Use: Explosive loading in blasting holes
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant a l’abrasion
Armature: nappes textiles haute tenacite
Revetement: CR noir conducteur - résistant a l’abrasion, l’ozone, aux hydrocarbures et a la flamme
Application: chargement d’explosifs. Specialement concu pour unités mobiles de livraison d’explosif en usage sévère sur enrouleur.
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
51	2	71	2,80	300/20	255	10,00	70	2,840	1,910
63	2 1/2	83	3,27	300/20	315	12,50	70	3,320	2,230



612AA

Nitro blast handling 20 bar (300 psi)

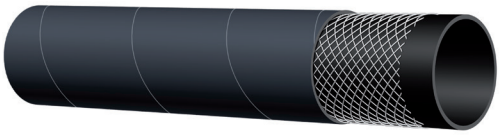
Manutention d'explosifs 20 bar (300 psi)

Tube: Black conductive NBR - abrasion resistant
Reinforcement: High tensile textile cords with embedded steel helix wire
Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant
Use: Explosive handling in mobile delivery units.
Specially designed for heavy duty reeling applications
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: NR noir conducteur - résistant a l'abrasion
Armature: nappes textiles haute tenacite avec spirales acier noyées
Revetement: mélange NBR/PVC noir conducteur - résistant a l'abrasion et a l'ozone, aux hydrocarbures et a la flamme
Application: chargement d'explosifs "anfo". specialement concu pour unités mobiles de livraison d'explosif en usage sévère sur enrouleur. résistant aux hydrocarbures (50% d'aromatiques maxi).
Normes de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

mm	inch/Po	mm	inch/Po	psi/bar	mm	inch/Po	%	kg/m	lb(ft)/lb(pi)
13	1/2	21	0,83	75/5				0,250	0,170
16	5/8	24	0,94	75/5				0,290	0,195
19	3/4	29	1,14	75/5				0,420	0,280
25	1	35	1,38	75/5				0,520	0,350
32	1 1/4	42	1,65	75/5				0,650	0,440
38	1 1/2	48	1,89	75/5				0,750	0,500
45	1 3/4	55	2,17	75/5				0,870	0,580
51	2	61	2,40	75/5				0,980	0,660

NSW dept. of mineral resources approved



964AA

Cable protection - FRAS
AS 1802 AS 2660

Protection de câbles- FRAS
AS 1802 AS 2660

Tube: Black conductive SBR/NR
Reinforcement: High tensile textile cords
Cover: Black conductive SBR - abrasion, ozone and fire resistant
Use: Cable protection in underground mines.
Also suitable for light duty air and water delivery max 5 bar (75 psi)
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Tube: SBR/NBR noir conducteur
Armature: Nappes textiles
Revetement: SBR noir conducteur - résistant à l'abrasion à l'ozone, et feu
Application: Protecteur pour cable dans les mines, air, eau (Max 75PSI)
Facteur de sécurité: 3:1
Température: -30 °C +80 °C (-22 °F +176 °F)

(Reprinted from Assogomma "Recommendation regarding choice, storing, use and maintenance of rubber hoses" June 2004.)

1. CHOICE CRITERIA

In order to choose a hose suitable for a specific use it is necessary to determine at least the following basic points:

1.1 Pressure - suction

It is necessary to determine the maximum working pressure or suction values. It should be taken into consideration that the normal life of the hose will be prejudiced in the case of a sudden pressure variation or pressure peaks exceeding the maximum allowed.

1.2 Compatibility of conveyed substances

The nature, designation, concentration, temperature and state (liquid, solid, gaseous) must be determined. In the case of solid substances conveyed, it is necessary to indicate granulometry, density, quantity of the solid substance conveyed as well as the nature, speed and flow of the fluid carrying it.

1.3 Environment

It is necessary to know the place of usage, ambient temperature, hygrometric conditions and exposure to atmospheric agents. Specific environment conditions such as ultraviolet rays, ozone, sea water, chemical agents and other aggressive elements could cause early degeneration of the hose.

1.4 Mechanical stress

The minimum bend radius* must be established as well as any stress related to traction, torsion, bending, vibration, compression, deflection and longitudinal or transversal loads.

1.5 Cover abrasion

Even though the hoses are manufactured to guarantee good resistance to abrasion, it is advisable to use further protection when damage to the hose may be caused by shock, corrosion and/or dragging.

1.6 Working position

Indicate if the hose is either placed on the ground, suspended or immersed.

1.7 Used or foreseen couplings

This must be selected according to:
- couplings and flanges: type, dimension, type of thread, standard references and kind of application;
- hose shank: internal and external diameter and length;
- ferrules/clumps: type and dimension.

In order to guarantee good performance the compatibility between the hose and type of coupling must be ensured. The assembly must guarantee the working pressure suggested by the manufacturer.

1.8 Technical standards

National, European and International technical standards and rules must always be adhered to. In the case of hoses for peculiar purposes it is advisable to establish proper specification with the manufacturer.

1.9 Marking

Manufacturers must mark hoses at regular intervals with the information necessary for the proper use of the product.
When interpretation is not clear or information is insufficient, user should apply to the manufacturer.

2. RECOMMENDATION FOR CORRECT STORAGE

Rubber is subject, by nature, to changes in physical properties. These changes, which normally occur over the course of time, according to the kind of rubber used, can be accelerated by one particular factor or by a combination of these.
Reinforcement materials are also adversely affected by unsuitable conditions of storage. The following recommendations give some precautions to be taken to ensure the minimum deterioration to stored articles.

2.1 Storage life

Storage time should be reduced to the minimum through programme rotation.
When it is not possible to avoid long term storage, it is necessary that the user, as indicated in ISO 8331, carries out a complete check of the hose before its use according to the following criteria:
- maximum two years storage for assembly;
- maximum four years storage for hoses.

2.2 Temperature and humidity

The best temperature for the storage of rubber hoses varies from 10 to 25 degrees centigrade. Hoses should not be stored at temperature above 40 °C or below 0 °C. When the temperature is below –15 °C it is necessary to take precautions when handling.
Hoses should not be stored near sources of heat nor in conditions of high or low humidity. A humidity level of a maximum of 65% is recommended.

2.3 Light

Hoses must be stored in dark places, avoiding direct sun light or strong artificial light. Should store rooms have windows or glass openings, these must be screened.

2.4 Oxygen and ozone

Hoses should be protected from circulating air by suitable packing or by storage in air-tight containers. As ozone has a particularly aggressive action on all rubber products, the store house must not contain material producing ozone like devices under high electrical tension, electric engines or other materials provoking sparks or electric arcs.

2.5 Contact with other materials

Hoses should not come into contact with solvents, fuels, oils, greases, volatile chemical mixtures, acids, disinfectants and other organic liquids in general.
Furthermore direct contact with some metals (for example manganese, iron, copper and its alloys) and relative mixture exercise harmful effects on some types of rubber.
Contact with PVC and creosote impregnated timber or fabrics should be avoided.

2.6 Heat sources

The temperature limits given in point 2.2 must be respected. When this is impossible, it is necessary to use a thermic shield at a distance not less than one meter.

2.7 Electric or magnetic field

Variation in electric or magnetic fields must be eliminated in store houses as these could provoke currents in metal coupling, heating them. Similar fields could be caused by high-tension cables or high frequency generators.

***** The **minimum bend radius** is the radius to which the hose can be bent in service without damage or appreciably shortening its life. The radius is measured to the inside of the curvature. **Formula to determine minimum hose length given bend radius and degree of bend required:**

$$L = \frac{A}{360^\circ} \times 2 \pi B$$

Where:

L	=	Minimum length of hose to make bend (Bend must be made equally along this portion of hose length).
A	=	Angle of bend
B	=	Given bend radius of hose
π	=	3.14

Example: To make a 60° bend at the hose's rated minimum bend radius of 15 cm

$$L = \frac{60}{360^\circ} \times 2 \times 3.14 \times 15 = 15.7 \text{ cm} = 16 \text{ cm}$$

Thus, the bend must be made over approximately 16 cm of hose length. The bend radius used must be equal to or greater than the rated minimum bend radius. Bending the hose to a smaller bend radius than minimum may kink the hose and result in damage and early failure.

2.8 Storage conditions
Hoses must be stored in a relaxed condition free from tension, compression or other deformation and contact with objects that could pierce or cut must be avoided. It is preferable to store hoses on special shelves or on dry surfaces.
Coiled hoses must be stored horizontally avoiding piling. When this is not possible the height of the piles must be such to avoid permanent deformation of hoses stored underneath.
The inside diameter of the coil, during the storage, must be such as to not compromise the performances of the products. In particular, this diameter must not have value less than those indicated by the manufacturers.
It is advisable to avoid storing coiled hoses on poles or hooks. Furthermore it is advisable to store hoses to be delivered straight, horizontally, without bending.

2.9 Rodents and insects
Hoses must be protected from rodents and insects. When such a risk is probable adeguate precautions must be taken.

2.10 Marking or packaged items
It is advisable that hoses are always easy to identify even if packaged.

2.11 Exit from storage
Prior to delivery hoses must be checked for integrity and must correspond to the required use. After long storage if couplings are not clipped, swaged or built-in, it is necessary to check that locking collars are tight.

2.12 Return to storage
Hoses that have been used must be free from all substances prior to storage. Particular attention must be paid when chemical, explosive, inflammable, abrasive and corrosive substances have been conveyed. After cleaning, check whether the hose is suitable to use again.

3. NORMS AND METHOD OF USE
After having chosen the type of hose, the users must keep in mind the following hose installation criteria:

3.1 Preassembly checks
Prior to installation it is necessary to check the characteristics of the hose carefully to verify that type, diameter and length conform with the required specifications. Moreover a visual check must be effected to make sure that there are no obstructions, cuts, damaged cover or any other evident imperfections.

3.2 Handling
Hoses must be moved with care avoiding knocks, dragging over abrasive surfaces and compression. Hoses must not be pulled violently when twisted or knotted. Heavy hoses, normally delivered in a straight line, must be laid on special supports for transport (see attachment). Should wood supports be used these must not be treated with creosote or painted with substances which could damage the rubber.

3.3 Pressure and seal test
The working pressure generally indicated by manufacturer must be respected. Following installation, when air bubbles have been eliminated, increase the pressure to test the assembly and check possible leaks. This test must be carried out in a place free from danger.

3.4 Temperature
Hoses must always be used within the temperature limits generally indicated. In case of doubt apply to manufacturers.

3.5 Conveyed products
Hoses must be used exclusively to convey substances for which they were manufactured. In case of doubt it is always advisable to contact manufacturer. As far as possible, hoses must be empty after usage. Where any risks are involved special precautions must be taken to avoid bursts.

3.6 Environment
Hoses must be used exclusively in the environment conditions for which they were manufactured.

3.7 Bending radius
Installation underneath the minimum bending radius reduces the life of the hose considerably. Morover it is necessary to avoid bending at fitting ends. *(See attached 1).

3.8 Torsion
Hoses are not manufactured to work in torsion, except for specific purposes.

3.9 Traction
Traction must be within limits specified by manufacturer. In case of doubts it's advisable to get in touch with manufacturers.

3.10 Vibration
Vibrations subject hoses to stress from heat and fatigue above all near couplings and premature bursting may occur. It is therefore advisable to check that hoses have been manufactured to resist such stress.

3.11 Kinking
Some users tend to obstruct the flow of liquids by kinking the hose. This system is not advised by manufacturers because the reinforcement is subjected to eccessive stress and could lead to bursting.

3.12 Choice and application of couplings
Provided that the manufacturers instructions are met it is always necessary to check the compatibility between the working pressure of couplings and hoses. Couplings with too large diameters cause abnormal stress which can split the hose reinforcement, whilst too small dimensions can create clumping difficulties and leakage.
Furthermore couplings must be free from sharp and cutting edges which could damage the hose.
Water or soap and water can be used to fit couplings. Do not use products containing oils or solvents except for the kind of hoses destined to be used with the latter.
Softening hoses with mallet or similar tools is forbidden.
Take care to avoid external collars or other tightening tools. The use of makeshift collars (for example wire) with sharp edges or too tight clumping leads to damage of cover and reinforcement.

3.13 Electrical properties
Electrical properties of hoses and assemblies, are measured between couplings and/or the end of the hose and are expressed in Ohm.
The hoses are divided into three grade:
a) continuous (M grade)
they contain little ropes or wire helics.
Resistance < of 10^2 ohm
b) Conductive or antistatic (Ω grade)
They contain rubber or plastic conductive sheets
Resistance > 10^3 ohm < 10^6 ohm
c) Insulating or discontinuous
They contain rubber or plastic insulating sheets
Resistance > 10^6 ohm

3.14 Installation between two points
The hoses must be supported in a suitable way, so as the normal movement when the hose is under pressure (variations in length, diameter, twisting, etc.) are allowed.

3.15 Mobile pieces
When hoses link mobile pieces, it is necessary to check that the length of the hose is suitable and that the movement does not subject the hose to shock or chafing and that abnormal stress, bending, traction or torsion do not occur.

3.16 Identification
If further marking is necessary, self-adhesive tape may be used. When the use of paint is unavoidable check compatibility of cover with manufacturer.

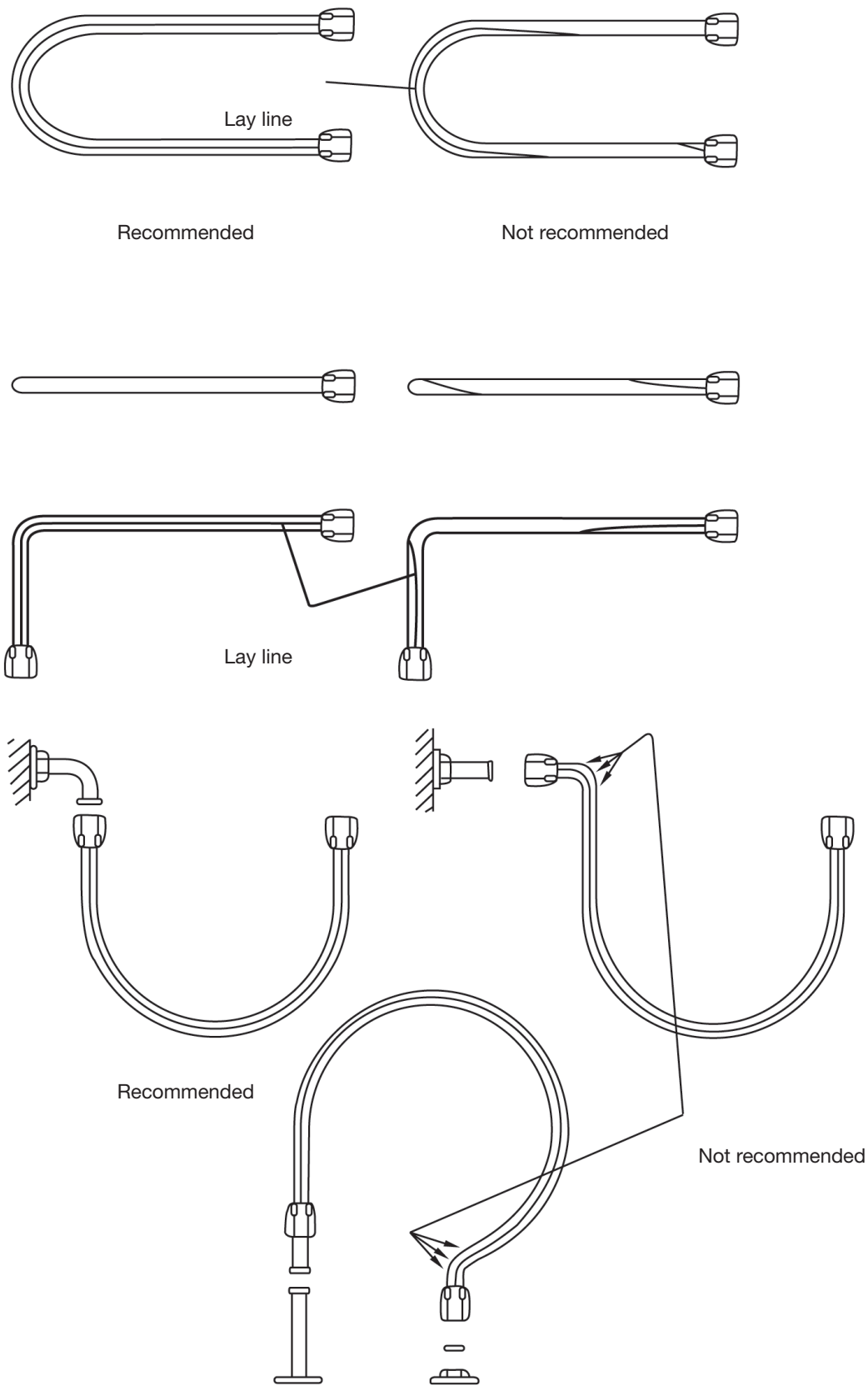
4. MAINTENANCE
Even though choice, storage and installation have been carried out correctly regular maintenance is necessary.
Frequency of the latter is determined according to use involved. During regular check special attention must be paid to couplings and to the appearance of the following irregularities which show deterioration of hose:
- Cracks, cuts, abrasions, unsticking, tears in cover revealing reinforcement;
- Deformity, bubbles, local swalling under pressure;
- Sticky or soft areas;
- Leaks.

Such irregularities justify hose substitutions. When cover bears date of expiry this must be kept to even if the hose shows no apparent signs of wear.

4.1 Repairs
Hose repairs are not advisable. However when deterioration occurse at an end section, and if the full length allows for such, the worn section may be eliminated.

4.2 Cleaning
If cleaning instructions are not supplied by the manufacturer clean, if necessary, with soap and water avoiding use of solvents (petrol, paraffin, etc) or detergents. Never use abrasive, pointed or cutting tools (wire brushes).

*(Attached 1)



This drawings refer to assembly installed in real conditions. Some of these may request layouts violating such recommendations. It is necessary to point out that such cases are only applicable in test conditions and cannot be used for general use.

The chemical guide in this section is offered as a general indication of the compatibility of the various materials used in ALFAGOMMA hose with the chemicals and fluids listed. The basis for the ratings in this guide include actual service experience, the advice of various polymer suppliers, and the considered opinion of our rubber chemists. When in doubt, a sample of the compound should always be tested with the particular chemical it is to handle. Some of the variables that come into play in the resistance of a compound to chemical attack are:

1. **Temperature of the Material Transmitted:**
Higher temperatures increase the effect of chemicals on rubber compounds. The increase varies with the polymer and the chemical. A compound quite suitable at room temperature might fail very quickly at higher temperatures.

2. **Service Conditions:**
A rubber compound usually swells when exposed to a chemical. With a given percent of swell, a hose tube may function satisfactorily if the hose is in a static condition, but fail quickly if the hose is subject to flexing.

3. **The Grade or Blend of the Rubber Compound:**
Basic rubber polymers are sometimes mixed or blended together to enhance a particular property for a specific service. The reaction to a particular chemical blend of polymers may, therefore, somewhat different from the reaction to the single ones. When in doubt, a sample of the compound should always be tested with the particular chemical it is to handle.

GENERAL CHEMICAL RESISTANCE OF ALFAGOMMA HOSE COMPOUNDS

COMMON NAME	ASTM Designation D1418-93	COMPOSITION	GENERAL PROPERTIES
Natural rubber	NR	Isoprene rubber	Excellent physical properties, including abrasion resistance. Not oil resistant.
SBR	SBR	Styrene-butadiene rubber	Good physical properties, including abrasion resistance. Not oil resistant.
Butyl rubber	IIR	Isobutene-isoprene rubber	Very good weathering resistance. Low permeability to air. Good physical properties. Poor resistance to petroleum based fluids.
EPDM	EPDM	Ethylene-propylene-diene-terpolymer	Good general purpose polymer. Excellent heat, ozone and weathering resistance. Not oil resistant.
Cross linked polyethylene	XLPE	Cross linked polyethylene	Excellent resistance to most solvents, oils and chemicals. Do not confuse with chemical properties of standard polyethylene.
Ultra high molecular weight polyethylene	UHMWPE	Ultra high molecular weight polyethylene	Excellent resistance to most solvents, chemicals and hydrocarbons. Excellent abrasion and wear resistance. Inert and suitable for food contact. Do not confuse with chemical properties of standard polyethylene.
Teflon/Fluorocarbon resin	PTFE	Polytetra-fluoroethylene	Excellent chemical and solvent resistance. Inert to most materials. Smooth anti-adhesive surface, easy to clean.
Nitrile rubber	NBR	Acrylonitrile-butadiene rubber	Excellent oil resistance. Good physical properties.
Neoprene	CR	Chloroprene rubber	Excellent weathering resistance. Flame retardant. Good oil resistance. Good physical properties.
Hypalon®	CSM	Chloro-sulfonated polyethylene	Excellent ozone, weathering and acid resistance. Good abrasion and heat resistance. Can be compounded for good oil resistance.
Polyurethane	AU	Polyester urethane	Excellent abrasion and wear resistance. Not resistant to hydrolysis.
Viton	FKM	Fluorocarbon rubber	Excellent high temperature resistance, particularly in air or oil. Very good resistance to chemicals.

CHEMICAL RESISTANCE CHART

ALFAGOMMA

The following data is based on tests and believed to be reliable; however, we emphasise that the tabulation should be used as a guide only, since it does not take into consideration all variables such as elevated temperatures, fluid contamination, concentration, etc. that may be encountered in actual use. All critical applications should be tested. Contact ALFAGOMMA for recommendation and assistance.

Note : All data based on 20 °C (68 °F) unless otherwise noted.

Key:

Blank	=	No Data	F	=	Fair	C	=	Conditional
E	=	Excellent	G	=	Good	X	=	Unsatisfactory

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
ACETALDEHYDE		X	E	E	E	E	G	X	C	C	X	
ACETIC ACID, GLACIAL	X	X	G	G	E	E	C	X	F	X	X	X
ACETIC ACID, 10%	F	F	E	E	E	E	G	E	E	F	X	C
ACETIC ACID, 50%	G	X	E	E	E	E	G	F	F	X	X	C
ACETIC ANHYDRIDE	F	X	E	G	E	E	G	X	G	G	X	X
ACETIC OXIDE	F	G	E	G	E	E	E	X	G	G		X
ACETONE	C	C	E	E	E	E	G	X	C	F	X	X
ACETONE CYANOHYDRIN	F	F	E	E				X	G	F		X
ACETONITRILE				E				X	E			
ACETOPHENONE	X	X	E	E	E	E	E	X	X	X	X	X
ACETYL ACETONE	X	X	G	E				X	X	X	X	X
ACETYL CHLORIDE	X	X	X	X			G	X	X	X	X	E
ACETYL OXIDE	F	G	E	G	E	E		X	G	G		X
ACETYLENE	E	E	E	E	E	E	F	E	E	E	C	F
ACETYLENE DI-+TERA CHLORIDE	X	X	X	C				X	C	X		G
ACROLEIN	G	F	E	E				F	G	G		E
ACRYLONITRILE	X	X	X	E	E	E	G	X	X	C	X	X
ACRYLIC ACID				X				X	X			
ADIPIC ACID		G	E	C	E	E		E	E	E	E	
AIR, +300 °F	X	X		G				G	G	X	X	X
ALK-TRI	X		X	X				X	X	X		E
ALLYL ALCOHOL	E	E	E	E	E	E		E	E	E		E
ALLYL BROMIDE	X	X	X	X				X	X	X		G
ALLYL CHLORIDE	X	X	F	X	E	F		G	X	X		G
ALUM	E	E	E	G	E	E	E	C	E	E		E
ALUMINIUM ACETATE	X	X	G	E			E	C	C		X	X
ALUMINIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
ALUMINIUM FLUORIDE	G	E	E	E	E	E	E	E	E	E	C	C
ALUMINIUM FORMATE	X	X	G	E				X	E	X		X
ALUMINIUM HYDROXIDE	E			E	E	E		E	E	G		
ALUMINIUM NITRATE	E	E	E	E			E	E	E	E	C	E
ALUMINIUM SULFATE	E	E	E	E	E	E	E	E	G	E	X	E
ALUMUS-NH3-CR-K	E	E	E	E			E	E	E	E		E
AMINES-MIXED	G	G	G	G				X	C	X	X	X
AMINOBENZENE				G	E	E		X	X			
AMINODIMETHILBENZENE				C				C	X			
AMINOETHANE				E	E	E		C	C			
AMINOXYLENE				E				C	X			
AMMONIUM CARBONATE	E	E	E	E				C	E		G	C
AMMONIUM CHLORIDE	E	E	E	E	E	E	E	G	E	E	E	C
AMMONIUM HYDROXIDE	X	X	E	E	E	E	E	C	E	G	X	C
AMMONIUM NITRATE		E	E	E	E	E	E	E	E	E	X	C
AMMONIUM PHOSPHATE, DIBASIC	E	E	E	E	E	E	E	E	E	E		C
AMMONIUM SULFATE	E	E	E	E	E	E	E	E	E	E	E	X
AMMONIUM SULFIDE	E	E	E	E	E	E		C	E	E		E
AMMONIUM THIOSULFATE	E	E	E	E			E	C	E	E	G	E
AMYL ACETATE	X	X	E	C	E	E	C	X	X	X	X	X
AMYL ACETONE	X	X	G	G				X	X	X		X
AMYL ALCOHOL	E	E	E	E	E	E	E	C	C	E	X	G
AMYL BROMIDE				C				X	X			
AMYL CHLORIDE	X	X	X	X	E	E	E	X	X	X	C	G
AMYL ETHER				X				C	X			
AMYLAMINE	G	G	E	X				F	C	F		
ANETHOLE	X	X	X	X				X	X	X		G
ANILINE	X	X	E	C	E	E	E	X	X	X	X	C
ANILINE DYES	G	G	G	C	E	E	F	X	C	G	X	G

CHEMICAL RESISTANCE CHART

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
ANILINE OIL	X	X	G	C	E	E		X	X	X	X	C
ANIMAL FATS	X	X	G	C	E	E		E	C	X	C	E
ANTIMONY PENTACHLORIDE	X	X	X	C	E	E		X	C	X		
AQUA REGIA	X	X	X	C	X	X	E	X	X	C	X	G
ARGON	X	X	G	E			E	E	G	X	E	
ARSENIC ACID	E	E	E	E	E	E	E	E	E	E	C	E
ASPHALT	X	X	X	X	E	E	E	C	C	X	G	E
ASTM FUEL A	X	X	X	X			E	E	C	G	E	E
ASTM FUEL B	X	X	X	X			E	C	X	X	E	E
ASTM FUEL C	X	X	X	X			E	C	X	X	X	E
ASTM OIL NO.1	X	X	X	X	E	E	E	E	E	G	E	E
ASTM OIL NO.2	X	X	X	X	E	E	E	E	C	X	E	E
ASTM OIL NO.3	X	X	X	X	E	E	E	E	C	X	E	E
ASTM OIL NO.4	X	X	X	X				C	X	X	X	E
AUTOMATIC TRASMISSION FLUID	X	X	X	X				E	C	C	G	E
BANANA OIL		X	C	C				X	X			
BARIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	G	E
BARIUM HYDROXIDE	E	E	E	E	E	E	E	E	E	E	E	E
BARIUM SULPHIDE	E	E	E	E	E	E	E	E	E	E	E	E
BEER	E	E	E	E	E	E	E	E	E	E	X	E
BEET SUGAR LIQUORS	E	E	E	E	E	E	E	E	C	E	X	E
BENZAL CHLORIDE			G					X				
BENZALDEHYDE	X	X	E	E	E	E	C	X	X	X	X	X
BENZENE	X	X	X	C	E	F	G	X	C	X	X	E
BENZENE CARBOXYLIC ACID				C				X	E			
BENZINE	X	X	X	X	E	E	E	E	C	X	G	E
BENZOIC ACID	X	X	X	C			G	X	E	X	X	E
BENZOL				C	E	F	E	X	C			
BENZOTRICHLORIDE				E				X	X			
BENZYL ACETATE	X	X	G	E				X	E	X		X
BENZYL ALCOHOL	X	X	X	C			E	X	C	F	X	E
BENZYL CHLORIDE	C	C	G	X			E	X	X	C		C
BENZYL ETHER				C				X	X			
BLACK SULFATE LIQUOR	G	G	E	G	E	E	E	G	G	G	X	E
BLEACH	X	X	G	E	G	F	E	X	C	F	X	G
BORAX SOLUTION	G	G	E	E	E	E	E	C	E	E	G	E
BORIC ACID	E	E		E	E	E	E	E	E	E	E	E
BRAKE FLUID (HD-557) 12 DAYS		E	G	E			E	C	C	G		X
BRINE	E	E	E	E	E	E	E	E	E	E		E
BROMOBENZENE	X	X	X	X				X	X	X	X	G
BROMOCHLOROMETANE	X	X	G	G	F	F		X	X	X		X
BROMOETHANE				X	E	E		C	X			
BROMOTOLUENE	X	X	X					X		X		G
BUNKER OIL	X	E	X	X			E	E	G	X	G	E
BUTADIENE	X	X	X	X	E	E	E	X	X	C	X	G
BUTANE	X	X	E	X	E	E	E	E	E	G	E	E
BUTANOIC ACID				C				C	X			
BUTANOL (BUTYL ALCOHOL)	E	E	E	C	E	E	E	E	E	E	G	E
BUTANONE				E	E	E	G	X	X		X	
BUTOXYETHANOL				E				C	X			
BUTYL ACETATE	X	X	G	C	E	E	C	X	X	X	X	X
BUTYL ACRYLATE	X		X	C	E	E		X	X	X		X
BUTYL ALCOHOL	E	E	E	C	E	E	G	E	E	E	G	E
BUTYL ALDEHYDE	F		E	C	E	E		X	X			X
BUTYL BENZYL PHTHALATE	X	X	E	E	E	E		X	E	X		C
BUTYL CARBITOL	X	X	E	E			E	X	X	C		C
BUTYL CELLOSOLVE	X	X	E	C	E	E	E	C	X	X	E	X
BUTYL CHLORIDE	X	X	F	X				X	X	X		G
BUTYL ETHER	X	X	C	C	E	E		X	C	X	G	X
BUTYL ETHER ACETALDEHYDE	X	X	E	X				X	X	X		X
BUTYL ETHYL ETHER	X	X	G	F				G	X	X		
BUTYL OLEATE	X	X	G	C				X	X	X		E
BUTYL PHTHALATE	X	X	E	E	E	E		X	X	X		F
BUTYL STEARATE	X	X	X	X	E	E	E	C	X	X		C
BUTYLENE	X	X	X	X				C	C	X	X	E
BUTYRALDEHYDE	X	X	E	C	E	E	E	X	X	X	X	X
BUTYRIC ACID	F	X	F	C	E	E	E	C	X	X		G
BUTYRIC ANHYDRIDE	F	X	F	E				C	G	G		X
CADMIUM ACETATE	X	X	G					X		X		
CALCIUM ALUMINATE	E	E	E					E		E		E
CALCIUM BICHROMATE			E	E				C	E	F		
CALCIUM BISULFIDE				E			E	C	E			
CALCIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E

CHEMICAL RESISTANCE CHART

ALFAGOMMA

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
CALCIUM HYDROXIDE	E	G	E	E	E	E	E	E	E	G	E	E
CALCIUM HYPOCHLORITE	X	X	G	E	E	E	E	C	C	F	X	X
CALCIUM NITRATE	E	E	E	E			E	E	E	E	E	E
CALCIUM SULFIDE	E	E	E	E			E	E	E	E	E	E
CALCIUM ACETATE	X	X	G	E			E	C	C	X	X	X
CAPRYLIC ACID	F	X	F					F		G		
CARBAMIDE				E	E	E		G	G			
CARBITOL	X	X	F	C	E	E	E	C	C	X	X	G
CARBOLIC ACID PHENOL	X	X	E				E					E
CARBON DIOXIDE	E	E	E	G	E	E	E	E	G	E	E	G
CARBON DISULFIDE	X	X	X	X	C	C	E	X	X	X	X	E
CARBON MONOXIDE	E	G	E	E	E	E	E	E	C	E	G	E
CARBON TETRACHLORIDE	X	X	X	X	E	E	E	X	X	X	X	E
CARBONIC ACID	E	E	E	E	E	E	E	C	E	E	X	E
CASTOR OIL	F	G	E	C	E	E	E	E	E	E	G	E
CAUSTIC SODA				G	E	E		C	G			
CELLOSOLVE ACETATE	X	X	E	G	E	E	E	X	X	X	X	X
CELLUGUARD	E	E	E	E			E	E	E	E	X	E
CETYLIC ACID				C	E	E		E	G			
CHINA WOOD OIL (TUNG OIL)	X	X	C	X	E	E		E	C	X	C	E
CHLORINATED SOLVENTS	X	X	X	X	E	E	E	X	X	X	X	E
CHLOROACETIC ACID	X	X	F	C	E	E	C	X	X	X	X	X
CHLOROACETONE	X	X	G	E	E	E	E	X	X	X	X	X
CHLOROBENZENE	X	X	X	X	E	E	E	X	X	X	X	E
CHLOROBUTANE	X	X	F	X				X	X	X		E
CHLORODANE				X				C	C			
CHLOROTHYL BENZENE	X	X	X	X				C	X	X		G
CHLOROFORM	X	X	X	X	F	F	E	X	X	X	X	E
CHLOROPENTANE	X	X	X	X				X	X	X		E
CHLOROSULFONIC ACID	X	X	X	X	F	X	C	X	X	X	X	X
CHLOROTOLUENE	X	X	X	X			E	X	X	X	X	G
CHLOROX	X	X	G	G				C	C	G	X	E
CHROME PLATING SOLUTIONS	X	X	X	C				X	X	X	X	E
CHROMIC ACID	X	X	F	C	E	E	E	X	X	G	X	C
CHROMIUM TRIOXIDE				C				X	X			
CINNAMENE				X				C	X			
CIS-9-OCTADECENOIC ACID	X	X	G	C	E	E		G	C	X		C
CITRIC ACID	E	E	E	E	E	E	E	E	E	E	E	C
COAL TAR OIL	X	X	X	X	E	E		E	G	X		E
COAL TAR	X	X	X	X	E	E		C	C	X		E
COAL TAR NAPHTHA	X	X	X	X	E	E		X	X	X		E
COCONUT OIL	X	X	G	C	E	E	E	E	C	X	C	C
COKE OVEN GAS	X	X	X	X	E	E	C	X	X	X	X	E
COOLANOL (MONSANTO)	X	X		X				E	C	G	X	E
COPPER CHLORIDE	F	E	E	E	E	E	X	E	C	E	G	E
COPPER CYANIDE	E	E	E	E	E	E	E	E	E	E	E	E
COPPER HYDRATE	F	G	E					G		G		F
COPPER HYDROXIDE	F	G	E					G		G		F
COPPER SULFATE	F	E	E	E	E	E	E	E	E	E	G	E
CORN OIL	X	X	E	C	E	E	G	E	C	X	G	E
COTTONSEED OIL	X	X	C	C	E	E	E	E	C	X	G	E
CREOSOTE	X	X	X	X	E	E	E	C	C	X	C	E
CRESOLS	X	X	X	X	E	E	E	X	X	X	X	E
CRESYLIC ACID	X	X	X	X	E	E	E	X	X	X	X	E
CROTONALDEHYDE	X	X	E	E	E	E		X	X	X		X
CRUDE OIL	X	X	X	X	E	E	E	C	C	X		E
CUMENE	X	X	X	X			E	X	X	X	X	E
CUPRIC CARBONATE	F	E	E							E		E
CUPRIC HYDROXIDE (COPPER HYDROXIDE)								G				
CUPRIC NITRATE	F	E	E	C	E	E		C	E	E	G	E
CUPRIC SULFATE	F	E	E	E	E	E		E	E	E	G	E
CUTTING OIL	X	X	X	X			E	E	C	G	E	E
CYCLOHEXANE	X	X	X	X	E	E	E	E	X	X	G	X
CYCLOHEXANOL	X	X	X	X	E	E	E	G	C	X		E
CYCLOHEXANONE	X	X	X	C	E	E	E	X	X	X	X	X
CYCLOPENTANE	X	X	X	X				G	C	X		E
CYCLOPENTANOL	X	X	X							X		G
CYCLOPENTANONE	X	X	X					X		X		
D-FURALDEHYDE				E				G	F			
DDT IN KEROSENE	X	X	X	X			E	E	C	X		E
DECAHYDRONAPHTHALENE				X	E	E		X	X			
DECALIN	X	X	X	X	E	E	E	X	X	X		E

CHEMICAL RESISTANCE CHART

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
DECYL ALCOHOL	E	E	E	X				E	X	E		G
DECYL ALDEHYDE	X	X	E	X				X		X		X
DECYL BUTYL PHTHALATE	X	X	E					X		X		F
DETERGENT, WATER SOLUTION	G	G	E	E	E	E	E	E	C	G	X	E
DEVELOPING FLUID (PHOTO)	E	G	G	C				E	E	E		E
DEXTRON	X	X	X	X				E	C	X	G	E
DI (2ETHYLHEXYL) ADIPATE				G	G	G		X	X			
DI (2ETHYLHEXYL) PHTHALATE				C	E	E		X	X			
DI-ISO-BUTYLENE	X	X	X	X	E			C	C	X	X	E
DI-ISO-DECYL PHTHALATE				E				X	X			
DI-ISO-PROPANOLAMINE			E	E				G	G			
DI-ISO-PROPYL ETHER	X	X	F	X	E	E		G	C	X		
DI-ISO-PROPYL KETONE	X	X	G	E	E		E	X	X	X	X	X
DI-P-MENTHA-1,8-DIENE				X				C	X			
DIACETONE ALCOHOL	X	X	E	E	E	E	E	X	F	X	X	X
DIACETYLMETHANE				E				X	X			
DIAMMONIUM PHPSPHATE				E				E	E			
DIAMYL NAPHTHALENE	X	X	E		E	E				X		F
DIAMYLAMINE	F	G	E	E				G	C	G		
DIAMYLENE	X	X	X	X					X	X		E
DIAMYLPHENOL	X	X	X		E	E		X		X		E
DIBENZYL ETHER	X	X	E	C			E	X	X	X	G	X
DIBROMOBENZENE	X	X	X	X				X	X	X		E
DIBROMOMETHANE				C				X	X			
DIBUTYL ETHER	X	X	G	C	E	E	E	X	C	X	C	C
DIBUTYL PHTHALATE	X	X	C	C	E	E	E	X	X	X	X	C
DIBUTYL SEBACATE	X	X	E	C	E	E	E	X	X	X	X	F
DIBUTYLAMINE	X	X	X	F			E	X	C	X	X	X
DICALCIUM PHOSPHATE	E	E	E	E				E	E	E		E
DICHLOROETHYLENE				C	F	F		X	X		C	
DICHLOROACETIC ACID	G	X	F	X	E	E		X	X	X		X
DICHLOROBENZENE	X	X	X	X			G	X	X	X	X	E
DICHLOROBUTANE	X	X	X	X				C	X	X	X	E
DICHLORODIFLUOROMETHANE	X	X	X	C	E	G		C	C	X		G
DICHLOROETHANE	X	X	X	X	E	E		X	X	X		E
DICHLOROETHYL ETHER	X	X	X	X				X	X	X		
DICHLOROHEXANE	X	X	X	X				X	X	X		E
DICHLOROMETHANE	X	X	X	X				X	X	X		E
DICHLOROPENTANE	X	X	X	X				X	X	X		E
DICHLOROPROPANE	X	X	X	X	G	G	E	F	X	X		E
DICHLOROPROPENE				X	G	G	E	C	X			E
DIESEL OIL	X	X	X	X	E	E	E	E	C	C	C	E
DIETHANOL AMINE	G	G	E	G				C	G	F		
DIETHYLBENZINE	X	X	X	X				X	X	X	X	E
DIETHYL ETHER	X	X	X	X	E	E	G	X	X	X	G	X
DIETHYL KETONE	F	X	G	G	E	E		X	X	X		X
DIETHYL OXALATE	E	E	E	X				X	X	X		
DIETHYL PHTHALATE	X	X	E	F	E	E	E	X	X	X		F
DIETHYL SEBACATE	X	X	E	F				C	X	X	X	E
DIETHYL SULFATE				E				X	E			
DIETHYL AMINE	G	G	E	C	E	E	E	C	C	C	C	X
DIETHYLENE GLYCOL	E	E	E	E	E	E		E	E	E	X	E
DIETHYLENE OXIDE				E				X	X			
DIETHYLENETRIAMINE	G	G	E	E				G	X	F		
DIETHYLTRIAMINE	G	G	E							F		
DIHYDROXY SUCCINIC ACID				G				G	G			
DIHYDROXYDIETHYL ETHER	E	E	E	E	E	E		E	E	E		E
DIISOBUTYL KETONE	X	X	G	E	E	E		X	X	X		X
DIISODECYL PHTHALATE	X	X	E	E	E	E		X	X	X		F
DIISOOCTYL ADIPATE	X	X	E	E				X	X	X		F
DIISOOCTYL PHTHALATE	X	X	E	G	E	E		X	X	X		F
DIMETHYL CARBINOL				E	E	E		C	G			
DIMETHYL KETONE				E	E	E		X	C			
DIMETHYL PHTHALATE	X	X	G	C	E	E	E	X	X	X		G
DIMETHYL SULFATE				X	E	E		X	X			
DIMETHYL SULFIDE				X				X	X			
DIMETHYLAMINE				E	E	E	E	F	X			
DIMETHYLANILINE		C	C	E			E	X	X	X		
DIMETHYLBENZENE				X				X	X			
DIOCTYL ADIPATE				G				X	X			
DIOCTYL PHTHALATE	X	X	E	C	E	E	G	X	X	X	X	G
DIOXALANE	X	X	C				E				X	X

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
DIOXANE	X	X	G	C	E	E	E	X	X	X	X	X
DIPENTENE	X	X	X	X			E	C	X	X	X	E
DIPENTYLAMINE				X				C	X			
DIPROPYLAMINEOLAMINE	G	G	E							G		
DIPROPYLENE GLYCOL	E	E	E	E				E	E	E		E
DISODIUM PHOSPHATE	E	E	E	E				E	E	E		
DIVINYL BENZENE	X	X	X	X				X	X	X		E
DOWTHERMN, A AND E	X	X	X	X			E	X	X	X		E
DRY CLEANING FLUIDS		X	X	X				C	X	X		E
DUCGKIRIOEBAANE			X									
DURD AW-16,31							E					
DURO FR-HD							E					
ETHANOIC ACID				C	E	E	C	C	C			
ETHANOL (GRAIN ALCOHOL)	E	E	E	E	E	E	C	C	E	E	X	C
ETHANOLAMINE	G	G	E	E			E	C	C	C		X
ETHERS	X	X	X	X	E	E	E	F	X	X	G	C
ETHYL ACETATE	X	X	G	C	E	E	E	X	X	X	X	X
ETHYL ACETOACETATE	X	X	G	C			E	X	X	X		X
ETHYL ACETONE				G				X	X			
ETHYL ACRYLATE	X	X	G	C				X	X	X		X
ETHYL ALCOHOL	E	E	E	E	E	E	C	C	E	E		C
ETHYL ALDEHYDE	F		E	E	E	E		X	X			X
ETHYL ALUMINIUM DICHLORIDE	X	X	X					X		X		G
ETHYL BENZENE	X	X	X	X	E	E	E	X	X	X		E
ETHYL BROMIDE	X		X	X	E	E		C	X	X	C	E
ETHYL BUTYL ACETATE	X	X	G					X		X		X
ETHYL BUTYL ALCOHOL	E	E	E							E		G
ETHYL CELLULOSE	G	G	G	C	E	E	E	C	C	G	G	X
ETHYL CHLORIDE	X	X	F	C	E	E	E	E	X	X	C	E
ETHYL DICHLORIDE	X	X	X	X	E	E		X	X	X		G
ETHYL DIISOBUTYLTHIO-CABARMATE	E	E										
ETHYL ETHER	X	X	C	X	E	E	E	X	X	X	G	X
ETHYL FORMATE	X	X	G	C			E	X	C	X		X
ETHYL IODIDE	X	X	X	F	E	E		X	X	X		G
ETHYL OXALATE	X	X	X	E			E	X	X	X	E	E
ETHYL PHTHALATE				F	E	E		X	X			
ETHYL SILICATE	F	F	E	E			E	E	E	G		E
ETHYL-N-BUTYL KETONE	X	X	G	G				X	X	X		X
ETHYL-1-BUTANOL	E	E	E	E				E	E	E		E
ETHYLAMINE	F	F	G	E				C	C	F		
ETHYLENE CHLOROHYDRIN	G	G	G	C			E	X	C	G	X	E
ETHYLENE DIAMINE	G	G	E	E	E	E	E	C	E	F	X	X
ETHYLENE DIBROMIDE	X	X	X	C	F	F		X	X	X	X	G
ETHYLENE DICHLORIDE	X	X	X	X	F	F	E	X	X	X	X	G
ETHYLENE GLYCOL MONOETHYL ACETATE		E										
ETHYLENE GLYCOL MONOBUTYL ETHER				E	E	E		F	X			
ETHYLENE GLYCOL MONOETHYL ETHER				C	E	E		C	X			
ETHYLENE GLYCOL	E	E	E	E	E	E	E	E	E	E	E	E
ETHYLENE OXIDE	X	X	C	C	E	E	X	X	X	X	X	X
FATTY ACIDS	X	X	X	X	E	G	E	C	C	X		E
FERRIC BROMADE	E	E	E					E		E		E
FERRIC CHLORIDE	E	E	E	E		E	E	E	C	E	E	E
FERRIC NITRATE	E	E	E	E		E	E	E	E	E	E	E
FERRIC SULFATE	E	E	E	E		E	E	E	E	E		E
FERROUS ACETATE	X	X	G	G				X	X	X		X
FERROUS CHLORIDE	E	E	E	E		E	E	E	E	E	E	E
FERROUS SULFATE	E	E	E	E		E	E	E	E	E	E	E
FLUOBORIC ACID	E	G	E	E	E	E	E	E	E	E		C
FLUORINE	X	X	C	E	G	G	X	X	X		X	G
FLUOSILICIC ACID	E	C	E	E	E	E	E	E	E	E		C
FORMALDEHYDE	G	C	E	C	E	E	E	C	C	C	X	X
FORMALIN	G	G	E	E	E	E		G	G	E		E
FORMIC ACID	G	G	E	E	E	E	E	C	C	F	X	X
FREON SO2							E					
FREON 113	C	G		X			E	E	E	E		G
FREON 12	X	X	X	C	F	G	X	C	C	X	G	G
FREON 22	X	X	F	C	F	E	X	X	E	X	X	X
FUEL A (ASTM)	X	X	X	X				E	C	X		E
FUEL B (ASTM)	X	X	X	X				C	X	X		E
FUEL OIL	X	X	X	X	E	E	E	E	C	C	X	E
FURAN	X	X	X	X	E	E		X	X	X		
FURFURAL	X	X	E	C	E	E	E	X	X	X		X

CHEMICAL RESISTANCE CHART

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
FURFURAN	X	X		X	E	E	E	X	X	X		
FURFURYL ALCOHOL	X	X	F	C	E	E	G	X	X	X	X	G
GALLIC ACID	E	C	G	C	E	E	E	C	C	C	X	C
GALLOTANNIC ACID				E					E			
GAS, COAL				E				X	E			
GAS, HIGH OCTANE				X			E	C	G		C	
GASOLINE	X	X	X	X	E	E	E	E	X	X	G	E
GLACIAL ACRYLIC ACID				X				C	X			
GLUCONIC ACID	X	X	F	E				C	E	G		
GLUCOSE	E	E	E	E	E	E	G	E	C	E	X	E
GLYCERINE	E	E	E	E	E	E	E	E	E	E	X	E
GLYCEROL	E	E	E	E	E	E	E	E	E	E	X	E
GLYCOGENIC ACID				E				F	E			
GLYCOLS	E	E	E	E	E	E	E	E	E	E	X	E
GLYCONIC ACID				E				F	E			
GREASE	X	X	X	X			E	E	F	X	E	E
GREEN SULPHATE LIQUOR	E	E	E	E			E	C	C	E		E
HELIUM	E	E	E	E			G	E	E	E	G	E
HEPTALDEHYDE				C				E	C			
HEPTANAL	X	X	E	C				E	C	X		
HEPTANE	X	X	X	X		E	E	E	C	X	G	E
HEPTANOIC ACID				X				E	C			
HEXADECANOIC ACID				G	E	E		E	X			
HEXALDEHYDE	X	X	G	C	E	E	E	X	C	C	G	X
HEXANE	X	X	X	X	E	E	E	E	C	X	G	E
HEXANOL	E	E	E	C	E	E		C	C	E		G
HEXENE	X	X	X	X			E	C	C	G		E
HEXYL ALCOHOL	E	E	C	C	E	E	E	C	C	C	X	G
HEXYL METHYL KETONE	X	X	G	G				X	C	X		X
HEXYLAMINE	G	G	E	G				F	G	F		
HEXYLENE GLYCOL	E	E	E	F				C	E	E		E
HYDRAULIC & MOTOR OIL	X	X	X	C	E	E	E	C	C	G	E	E
HYDRAZINE	X		E	E			X	C	C	E	X	
HYDROBROMIC ACID	E	X	E	E	E	E	E	X	C	E	X	C
HYDROCLORIC ACID	E	X	F	C	C	C	E	C	C	X	C	E
HYDROCIANIC ACID	X		E	E			E	C	C	C		
HYDROFLUORIC ACID	X	X	E	C	E	E	E	C	C	E	X	G
HYDROFLUOSILICIC ACID	X		E	E	E	E	C	X	C	E		C
HYDROGEN CHLORIDE ANHYDROUS				E				X	C			
HYDROGEN DIOXIDE (10%)	X	X	F	G				F	F			E
HYDROGEN GAS	G	G	E	E	E	E	E	E	E	G	E	C
HYDROGEN PEROXIDE OVER 10%	X	X	X	C	C	F	E	X	X	X		E
HYDROGEN PEROXIDE 10%	X	X	F	G	E	E	E	F	F			E
HYDROGEN SULFIDE (WET)	X	X	E	E	E	E	E	X	E	X	X	X
HYDROXY BENZENE				C				X	X			
HYDROXYTOLUENE				C				X	C			
IMINODIETHANOL				G				C	G			
IODINE	C	C	C	C	E	E		C	C	E		C
IODINE PENTAFLUORIDE	X	X	X	X				X	X	X	X	X
IODOFORM	X	X		E				E	X			
ISO-BUTANAL				G	E	E		X	F			
ISO-BUTYLAMINE				G				X	X			
ISO-BUTYLBROMIDE				X				X	X			
ISO-BUTYLCARBINOL				E				E	E			
ISOCYANATES				G	E	E		C	X			
ISOOCTANE	X	X	X	X	E	E	E	E	C	X	E	E
ISOPROPYL ACETATE	X	X	G	C	E	E	E	X	X	X	X	X
ISOPROPYL ALCOHOL	E	E	E	E	E	E	E	C	C	E	X	E
ISOPROPYL ETHER	X	X	X	X	E	E	E	G	X	C	E	X
JET FUELS	X	X	X	X	E	E		C	C	X		E
JP-4 OIL	X	X	X	X			E	E	X	X	C	E
KEROSENE	X	X	X	X	E	E	E	E	C	X	E	E
KETONES	X	X	E	E	E	E	E	C	C	X	X	X
LACQUER SOLVENTS	X	X	X	X	E	E	E	X	X	X	X	X
LACTIC ACID - COLD	G	G	E	C	G	G	E	C	C	G	E	C
LACTIC ACID - HOT	X	X		C	G	G	E	C	C	C		E
LARD	X	X	X	C	E	E	E	E	C	X		C
LAVENDER OIL	X	X	X	X			E	C	X	X	X	E
LEAD ACETATE	E	X	G	E	E	E	E	C	C	X	X	X
LEAD NITRATE	E	E	E	E				E	E	X		
LEAD SULFATE				E	E	E		E	E	E		E
LIME				E	E	E	G	G	G			

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
LIME BLEACH	E	G	E									E
LIME SULFUR	X	X	E	E	E	E	E	E	E	E		E
LIMONENE				X				C	X			
LINOLEIC ACID	X	X	X	X			E	C	C	X		G
LINSEED OIL	X	X	C	C	E	E	E	E	C	C	G	E
LIQUID PETROLEUM GAS (LPG)	X	X	X	X	E	E	E	E	G	X	E	E
LUBRICATING OIL	X	X	X	X	E	E	E	C	C	F	E	E
LYE SOLUTIONS	G	G	E	G				C	G		X	G
MEK	X	X	G	E	E	E	E	X	X	X	X	X
MAGNESIUM ACETATE			G	G				X	X			
MAGNESIUM CHLORIDE	E	E	E	E	E	E		E	E	E	E	E
MAGNESIUM HYDRATE	E	G	E	E	E	E		C	C	G		G
MAGNESIUM HYDROXYDE	E	G	E	E	E	E	E	C	C	G	G	G
MAGNESIUM SULFATE	E	E	E	E	E	E	E	E	E	E		E
MALEIC ACID	X	X	X	C	E	E		X	X	X		E
MALEIC ANHYDRIDE	X	X	X	C				X	X	X		X
MALIC ACID	C	C	X	C	C	C	E	E	C	G		C
MANGANOUS SULFATE				E				E	E			
MAPP		G										
MERCURY	E	E	E	E	E	E	E	E	E	E	G	E
MERCURY VAPORS	E	E	E	E				E	G	E		E
MESITYL OXIDE	X	X	G	C			E	X	X	X	X	
METHALLYL ALCOHOL	E	E	E	E				E	E	E		X
METHALLYL CHLORIDE									X			
METHANE CARBOXYLIC ACID				X	E	E	E		G			
METHANOIC ACID				E	E	E		G	E			
METHANOL	E	E	E	E	E	E	E	C	E	E	X	E
METHANOL	E	E	E	E	E	E	E	C	E	E	E	X
METHOXY ETHANOL				E	E	E		C	E			
METHYL ACETATE	X	X	G	C			E	X	C	X	X	X
METHYL ACETOACETATE	X	X	G	C				X	X	X	X	X
METHYL ACETONE	F	X	G	E	E	E		X	X	X		X
METHYL ALLYL CHLORIDE	X	X	F						X	X		F
METHYL AMYL CARBINOL	E	E	E	E				E	G	E		X
METHYL BENZENE	X	X	X	X	F	F		X	X	X		E
METHYL BROMIDE	X	X	X	X	F	F	E	C	X	X		E
METHYL BUTANE				X				E	X			
METHYL BUTYL KETONE	X	X	G	E	E	E		X	X	X	X	X
METHYL CARBITOL	X	X	F	G				F	F	X		
METHYL CELLOSOLVE	X	X	E	C	E	E	E	C	C	X	X	X
METHYL CHLORIDE	X	X	C	C	F	F	E	X	X	X	X	E
METHYL CYANIDE				E				C	E			
METHYL ETHYL KETONE	X	X	G	E	E	E	E	X	X	X	X	X
METHYL HEXANOL	E	E	E	E				E	E	E		F
METHYL METHACRILATE	X	X	X	X	E	E	E	X	X	X		X
METHYL NORMAL AMYL KETONE	X	X	G	E				C	E	X		X
METHYL PROPYL ETHER	X	X	G	X				X	X	X		
METHYL SALYCILATE	C	C	G	C	E	E	E	X	X	X		C
METHYL SULFIDE				X				X	X			
METHYL TERTIARY METYL ETHER		X	G				G					X
METHYL-2-BUTANOL	E	E	E							E		F
METHYL-2-BUTANONE	X	X	G	C				X	X	X		X
METHYL-2-HEXANONE	X	X	G							X		X
METHYL-2-PENTANOL				E				G	G			
METHYL-4-ISOPROPYL BENZENE				X				X	X			
METHYLALLYL ACETATE	X	X	G							X		X
METHYL AMYL ALCOHOL	E	E	E	E				G	G	E		X
METHYLCYCLOEXANE	X	X	X	X				X	X	X		G
METHYLENE BROMIDE				X	E	E		C	X			
METHYLENE CHLORIDE	X	X	X	C	F	F	E	X	X	X	X	G
METHYLETHYL KETONE				E				X	X			
METHYL HEXYL KETONE	X	X	G	G	E			X	C	X		X
METHYL ISOBUTYL CARBINOL	G	G	E	C				X	X	C		C
METHYLISOBUTYL KETONE	X	X	C	C	E	E	E	X	X	X	X	X
METHYLISOPROPYL KETONE	X	X	G	C			E	X	X	X	X	X
METHYLPROPYL CARBINOL	G	G	E					E		G		F
METHYLPROPYL KETONE	X	X	G	G	E	E		X	X	X		X
MIL-A-6091	E	E	E	E				C	E	E	X	E
MIL-C-4339	X	X	X	X				E	X	X	X	E
MIL-C-7024	X	X	X	X				E	C	X	G	E
MIL-E-9500	E	E	E	E				E	E	E	X	E
MIL-F-16884	X	X	X	X				E	C	C	C	E

CHEMICAL RESISTANCE CHART

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
MIL-F-17111	X	X	X	X				E	C	X	C	E
MIL-F-25558 (RJ-1)				X				E	C			E
MIL-G-10924	X	X	X	X				E	C	G	G	E
MIL-G-25013	X	X	X	E				E	C	G	C	E
MIL-G-25537				X				E	C			E
MIL-G-3545	X	X	X	X				E	C	C	C	E
MIL-G-5572	X	X	X	X				E	X	X	G	E
MIL-G-7711	X	X	X	X				E	X	X	E	E
MIL-H-05606 (HFA)				C				E	C			E
MIL-H-13910	G	E	G	E				E	E	G	X	E
MIL-H-19457	X	X	E	C				X	X	X	X	X
MIL-H-22251		G	E	E				C	C	G		C
MIL-H-27601				X				G	C			E
MIL-H-5606 (J43)				C			E	E	C			E
MIL-H-6083	X	X	X	X			E	E	E	G	G	E
MIL-H-8446 (MLO-8515)	X	X	X	X				G	E		X	E
MIL-J-5161	X	X	X	X				C	X	X	C	E
MIL-J-5624 (JP-3,JP-4,JP-5)	X	X	X	X				E	X	X	C	E
MIL-L-15016	X	X	X								E	E
MIL-L-17331	X	X	X								E	E
MIL-L-2104	X	X	X	X			E	E	C	C	E	E
MIL-L-21260	X	X	X	X				E	C	G	E	E
MIL-L-23699	X	X	X	X				C	C	C	C	E
MIL-L-25681				E				C	C			E
MIL-L-3150	X	X	X	X				E	C	G	G	E
MIL-L-4343	X	X	C							G	E	E
MIL-L-6082	X	X	X							G	E	E
MIL-L-6085	X	X	X	X				C	X	X	C	E
MIL-L-7808	X	X	X	X			E	G	X	X	X	E
MIL-L-7870	X	X	X	X				E	C	X	X	E
MIL-L-9000	X	X	X	X				E	C	C	C	E
MIL-L-9236	X	X	X	X				C	X	X	X	E
MIL-P-27402				E				C	C			C
MIL-R-25567 (RP-1)							E					
MIL-S-3136 TYPE 1 FUEL	X	X	X	X				E	C	C	G	E
MIL-S-3136 TYPE 2 FUEL	X	X	X	X				C	X	X	C	E
MIL-S-3136 TYPE 3 FUEL	X	X	X	X				G	X	X	C	E
MIL-S-3136 TYPE 4 OIL, LOWSWELL	X	X	X	X				E	X	E	E	E
MIL-S-3136 TYPE 5 OIL, MEDSWELL	X	X	X	X				E	G	G	G	E
MIL-S-3136 TYPE 6 OIL, HI SWELL	X	X	X	X				E	X	X	G	E
MIL-S-81087				E				E	E			E
MINERAL OIL	X	X	X	X	E	E	E	E	C	F	E	E
MINERAL SPIRITS	X	X	X	X				C	C	X		E
MOBILE HF A				X			E	E	C			
MOLTEN SULFUR	X	X	G							F		G
MONO-CHLOROACETIC ACID	G	X	F	G	E	E		X	C	X		C
MONOBUTYL ETHER	X	X	F	C				G	C	X		X
MONOCHLOROBENZENE	X	X	X	X	F	F	E	X	X	X	X	E
MONOCHLORODIFLUOROMETHANE (chlorodifluoromethane)	X	X	F	C	E	E		X	C	X		X
MONOETHANOL AMINE	E	X	E	C				G	G	X	X	X
MONOETHYL AMINE	F	F	G	E			E	C	C	F		C
MORPHOLINE				C			E	X	X			
MOTOR OIL, 40W				X				E	C			
MTBE		X	G				G	X	X			X
MURIATIC ACID	E	X	F	E				X	C	X		E
N-BUTANAL				C	E	E		X	X			
N-BUTYLAMINE	X	X	X	C				C	X	X	X	X
N-BUTYLBENZENE	X	X	X	X				X	X	X		E
N-BUTYLBROMIDE	X	X	X	X				X	X	X		G
N-BUTYLBUTYRATE	X	X	F	E				X	X	X		X
N-BUTYLCARBINOL				E	E	E		E	E			
N-NONYL ALCOHOL				E				E	E			
N-OCTANE	X	X	X	X	E	E		C	G	X	X	E
N-SERV (75% XYLENE)				X			E	X	X			E
NA-K							X					
NAPHTHA	X	X	X	X	E	E	E	C	X		E	E
NAPHTHALENE	X	X	F	X	E	E	E	X	X	X	C	C
NAPHTHENIC ACID	X	X		X			E	C	X	X		E
NATURAL GAS	X	X	X	X	E	E	E	E	E	F	C	C
NEOHEXANE	X	X	X	X				E	G	X		E
NEON GAS	E	E	E	E			E	E	E	E	E	E
NEU-TRI	X	X	X							X		E

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
NICKEL ACETATE	E	X	E	E			E	C	G	X	X	X
NICKEL CHLORIDE	E	E	E	E	E	E	E	E	C	E	C	E
NICKEL NITRATE	E	E	E	E	E	E		E	E	E		E
NICKEL SULFATE	E	E	E	E	E	E	E	E	E	E		E
NIETYLENE	E											
NITRIC ACID, CONC (16N)	X	X	C	X			E	X	X	G	X	C
NITRIC ACID, RED FUMING	X	X	G	X	X	X	E	X	X	X	X	X
NITRIC ACID, 10%	X	X	G	E	E	E	E	X	G	X	X	X
NITRIC ACID, 13N							E	X	X			
NITRIC ACID, 13N +5%							E	X	X			
NITRIC ACID, 20%	X	X	G	E	E	E	E	X	X	X		C
NITRIC ACID, 30%	X	X	F	F	G	G	G	X	X	X	C	C
NITRIC ACID, 30% - 70%	X	X	F	X	F	F		X	X	F		C
NITRILOTRIETHANOL				E	E	E		F	C			
NITROBENZENE	X	X	F	C	E	E	E	X	X	X	X	G
NITROETHANE	G	G	G	C			E	X	C	G	X	X
NITROGEN	E	E	E	E	E	E	E	E	E	E	E	E
NITROMETHANE	G	C	G	C			E	X	C	C	X	X
NITROUS OXIDE GAS				E			E	E	G			
NONANOIC ACID					E	E						
NUTO H							E					
NYVAC LIGHT							E					
OCTANOL	G	G	E							G		G
OCTYL ACETATE	X	X	G	G	E	E		C	C	X		X
OCTYL ALCOHOL	E	E	E	C			E	C	C	E	X	E
OCTYL ALDEHYDE	X	X	E		E	E				X		X
OCTYL AMINE	G	G	E	G				F	G	F		C
OCTYL CARBINOL	E	E	E	E				E	E	E		G
OCTYLENE GLYCOL	E	E	E	E				E	E	E		E
OIL-PETROLEUM	X	X	X		G	G				F		E
OLEIC ACID	X	X	G	X	E	E	E	G	F	X	G	G
OLEUM (FUMING SULFURIC ACID)	X	X	X	X	X	X	E	X	X	X	C	X
OLIVE OIL	X	X	E	G			E	E	G	F	E	E
ORTHO-DICHLOROBENZENE	X	X	X	X			G	X	X	X	X	E
ORTHO-DICHLOROBENZOL	X	X	X	X				X	X	X		G
ORTHOXYLENE	X	X	X	X				X	X	X		E
OXALIC ACID	X	X	E	E	E	E	E	G	G	X	E	C
OZONE	X	X	G	E	E	E	E	X	F	G	G	C
P-CYMENE	X	X	X	X			E	X	X	X	X	E
PAINT THINNER	X	X	X	X			E	X	X	X	X	G
PALMITIC ACID	X	X	E	C	E	E	E	E	G	C	E	C
PAPERMAKERS ALUM	E	E	E									E
PARA-DICHLOROBENZENE	X	X	X	X				X	X	X	X	E
PARAFFIN WAX	X	X	X	X				E	G	X		E
PARALDEHYDE	F		E	E				C	G			X
PARAXYLENE	X	X	X	X				X	X	X		E
PCB							E					E
PELARGONIC ALCOHOL	X	X	E	E	E	E		E	E	X		
PENTACHLOROETHANE	X	X	X					X	X	X		E
PENTAMETHYLENE				X				G	C			
PENTANE	X	X	X	X	E	E		E	E	F	X	E
PENTANOL					E	E						
PENTANONE	X	X	G	G				X	X	X		X
PENTASOL	E	E	E	G	E	E		C	G	E		E
PENTYL ACETATE				C	E	E		X	X			
PENTYL ALCOHOL				E	E	E		C	C			
PENTYL BROMIDE				C				X	X			
PENTYL CHLORIDE				X	E	E		X	X			
PENTYL ETHER				X				C	X			
PENTYLAMINE				X				F	F			
PERCHLORIC ACID	X	X	G	G	E	E	E	X	E	G	X	E
PERCHLOROETHYLENE	X	X	X	X	E	E	E	F	X	X	X	E
PERCHLOROMETHANE				X				X	X			
PETROLEUM CRUDE	X	X	X	X	E	E		G	G	X	E	E
PETROLEUM ETHER	X	X	X	X			E	E	X	X		E
PETROLEUM OILS	X	X	X	X	E	E	E	X	G	X		E
PHENBO											X	
PHENOL	X	X	E	X	E	E	E	X	X	X	X	E
PHENOLSULFONIC ACID	X	X	F	E				C	C	X		X
PHENYLAMINE				C	E	E		X	X			
PHENYLCHLORIDE	X	X	X	X	E	E		X	X	X		E
PHENYLETHYLENE				X				X	X			

CHEMICAL RESISTANCE CHART

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
PHENYLMETHANE				X	E	E		X	X	X		
PHENYLMETHANOL				C				X	C			
PHENYLMETHYL ACETATE				E				C	E			
PHOSPHATE ESTERS				E			E	X	X		X	
PHOSPHORIC ACID 10%	E	E	E	E	E	E	E	E	E	E		E
PHOSFORIC ACID 10% - 85%	G	X	G	E	E	E	E	G	G	E	X	E
PHOSPHORUS TRICHLORIDE	X	X	E	E	E	E	E	X	X	X		E
PICRIC ACID, H20 SOLUTION	G	G		E			E	E	E	G	X	E
PINE OIL	X	X	X	X	E	E	E	E	X	X		E
PINENE	X	X	X	X			E	C	C	X	G	E
POLY CHLORINATED BIPHENOL							E					E
POLYETHYLENE GLYCOL E-400	E	E	E	E				C	G	E		E
POLYOL ESTER	X		X	X				G	X			G
POLYPROPYLENE GLYCOL	E	E	E		E	E		E	E	E		E
POTASSIUM ACETATE	X	X	G	E			E	C	E	X	X	X
POTASSIUM BISULFATE	E	E	E	E				E	E	E		E
POTASSIUM BISULFITE	E	E	E	E				E	E	E		E
POTASSIUM CARBONATE	E	E	E	E	E	E		E	E	E		E
POTASSIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
POTASSIUM CHROMATE			E	E				G	E	F		
POTASSIUM CYANIDE	E	E	E	E	E	E	E	E	E	E	E	E
POTASSIUM DICHROMATE	G	G	E	E	E	E	E	E	E	F	G	E
POTASSIUM HYDRATE	E	G	E		E	E				G		F
POTASSIUM HYDROXYDE	E	G	E	E	E	E	E	G	G	G	C	X
POTASSIUM NITRATE	E	E	E	E	E	E	E	E	E	E	E	E
POTASSIUM PERMANGANATE, 5%				E	E	E		F	E			
POTASSIUM SILICATE	E	E	E	E				E	E	E		E
POTASSIUM SULFATE	E	E	E	E	E	E	E	E	E	E	G	E
POTASSIUM SULFIDE				E				C	E			
POTASSIUM SULFITE	E	E	E	E	E	E		E	E	E		E
PRESTONE ANTIFREEZE				E				E	E			E
PRODUCER GAS	X	E	X	X			E	E	G	G		E
PROPANE	X	X	X	X	E	E	E	E	E	G	E	E
PROPANEDIOL	E	E	E	E	E	E		E	G	E		E
PROPANETRIOL				E	E	E		E	E			
PROPANOL	E	E	E	E	E	E		E	E	E		F
PROPANONE				E	E	E		X	X			
PROPENENITRILE					E	E						
PROPENYL ALCOHOL				E	E	E		E	E			
PROPENYLANISOLE					E	E		X				
PROPIONIC ACID				E				C	C			
PRIOPIONITRILE				C				E	C			E
PROPYL ACETATE	X	X	G	C	E	E		X	X	X	X	X
PROPYL ALCOHOL	E	E	E	E	E	E		E	E	E	C	E
PROPYL ALDEHYDE	F		E	G				X	X			X
PROPYL BENZENE									X			
PROPYL CHLORIDE	X	X	F	F				X	F	X		G
PROPYL NITRATE	X	X	G	C				X	X	X		X
PROPYLENE	X	X	X	X				X	X	X	X	E
PROPYLENE DIAMINE	G	G	E							F		
PROPYLENE GLYCOL	E	E	E	E	E	E	E	E	E	E	E	E
PYDRAUL, 'E' SERIES	X	X		C			E	X	X	X		X
PYDRAULIC 'C'				X			E	X	X			E
QUINTOLUBRIC 822 SERIES	X		X									G
RED OIL	X	X	X	F	E	E	E	E	F	G	G	E
REFRIGERANT 11					E	E						G
REFRIGERANT 12					E	E						G
REFRIGERANT 22					E	E						G
RESORCINOL				G			E	C	A		X	
SAE NO. 10 OIL				X			E	E	C	X	E	X
SAL AMMONIAC	E	E	E	E	E	E		G	E	E	E	E
SEA WATER	E	E	E	E	E	E	E	E	E	E	E	E
SEWAGE	F	F	F	G	E	E	E	E	C	E	X	C
SILICATE ESTERS	X	X	X	X			E	G	E	E		E
SILICATE OF SODA	E	E	E	E				E	E	E		E
SILICONE GREASE	E	E	E	E	E	E	E	E	E	E		E
SILICONE OIL	E	E	E	E	E	E		E	E	E		E
SILVER NITRATE	E	E	E	E	E	E	E	C	E	E	E	E
SKYDROL 500 TYPE 2				E			E	X	X	X		X
SKYDROL 500B			G	E			E	X	X	X	C	X
SKYDROL 500C			G				E		X	X		X
SKYDROL 7000 TYPE 2				E			E	X	X			G

CHEMICAL RESISTANCE CHART

ALFAGOMMA

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
SOAP SOLUTIONS	G	E	E	E	E	E	E	E	G	E	C	E
SODA ASH	E	E	E	E	E	E	E	E	E	E		E
SODA LIME	E	G	E	E				G	G	G		F
SODA NITER	E	E	E	E	E	E		E	G	E		E
SODIUM ACETATE	X	X	G	E	E	E	E	G	C	X	E	X
SODIUM ALUMINATE	E	E	E	E				E	E	E		E
SODIUM BICARBONATE	E	E	E	E	E	E	E	E	E	E		E
SODIUM BISULFATE	F	F	F	E	E	E	E	E	E	E		C
SODIUM BISULFITE	E	E	E	E	E	E	E	E	E	E		E
SODIUM BORATE	E	E	E	E	E	E	E	E	E	E		E
SODIUM CARBONATE	E	E	E	E	E	E		E	E	E		E
SODIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM CYANIDE	E	E	E	E	E	E	E	E	E	E		C
SODIUM DICHROMATE	C	C	E	E				E	E			C
SODIUM HYDRATE	E	G	E	E	E	E		X	G	G		F
SODIUM HYDROCHLORITE	X	X	G									G
SODIUM HYDROXIDE (CAUSTIC SODA)	E	G	E	E	E	E	E	X	G	G	G	G
SODIUM HYPOCHLORITE	X	X	G	E	E	E	E	C	C	F	X	E
SODIUM METAPHOSPHATE	E	E	E	E	E	E	E	E	E	G		E
SODIUM NITRATE	E	E	E	E	E	E	E	C	G	E	X	C
SODIUM PERBORATE	G	G	E	E			E	C	G	G		E
SODIUM PEROXIDE	G	G	E	E	E	E	E	C	G	G	X	E
SODIUM PHOSPHATE	E	E	E	E	E	E	G	E	G	E	E	E
SODIUM SILICATE	E	E	E	E	E	E	E	E	E	E		E
SODIUM SULFATE	E	E	E	E	E	E	E	E	E	E		E
SODIUM SULFIDE	E	E	E	E	E	E		E	E	E	E	E
SODIUM SULFITE	E	E	E	E	E	E		E	E	E	E	E
SODIUM THIOSULFATE	E	E	E	E	E	E	E	C	E	E	E	E
SOYBEAN OIL	X	X	E	C			E	E	E	G	G	E
STANNIC CHLORIDE	E	E	E	E	E	E	E	E	G	E		
STANNIC SULFIDE	E	E	E	E				E	E	E		
STANNOUS CHLORIDE	E	E	E	G	E	E	E	E	E	E		C
STANNOUS SULFIDE	E	E	E	E				E	E	E		
STEAM, BELOW 350 DEG F	X	X	G	E	X	X	E	X	X	X	X	X
STEARIC ACID	X	X	G	G	E	E	E	G	G	X	E	C
STODDARD SOLVENT	X	X	X	X	E	E	E	E	G	X	E	E
STYRENE	X	X	X	X	F	F	E	X	X	X	E	G
SULFAMIC ACID	G	G	E	E				C	G	G		C
SULFUR	X	X	F	E	E	E	E	X	E	F		G
SULFUR CHLORIDE	X	X	X	E			E	C	E	G		E
SULFUR DIOXIDE	C	C	G	E		G	E	X	C	G		C
SULFUR TRIOXIDE, DRY	G	G	G	E	X	X	E	X	X	X		E
SULFURIC ACID 60% (200 °F)				E	X	X		G	X			
SULFURIC ACID, CONC.	X	X	X	X	F	F	C	X	X	E	X	E
SULFURIC ACID, FUMING	X	X	X	X	X	X	E	X	X	X		X
SULFURIC ACID, 25%	G	X	E	E	E	E	E	C	C	X	X	F
SULFURIC ACID, 25%-50%	G	X	E	E	E	E	E	C	X	X	X	G
SULFURIC ACID, 50%-96%	X	X	X	X	G	G	E	X	X	G	X	E
SULFUROUS ACID, 10%	E	G	E	E	E	E	E	E	C	E		C
SULFUROUS ACID, 10%-75%	E	X	E	E	E	E	E	F	C	E		C
SUTAN							E					F
T-BUTYL AMINE				C				C	X	X		
TALL OIL	X	X	X	X				E	C	X		E
TALLOW	X	X	X	E	E	E		E	G	X		C
TANNIC ACID	E	F	E	E	E	E	E	E	E	E	C	C
TAR	X	X	X	X	X	F	E	X	X	X		E
TAR BITUMINOUS	X	X	X	X			E	G	C	X		E
TARTARIC ACID	C	X	E	G	E	E	E	E	E	E	C	C
TERTIARY BUTYL ALCOHOL	E	E	E	C			E	C	C	E	X	E
TERPINOL	X	X	C				E				G	E
TERTIARY BUTYL AMINE										X		
TERTIARY BUTYL MERCAPTAN	X	X	X	X			E	X	X	X		E
TEST ENTRY		X	G								X	
TETRACHLOROBENZENE	X	X	X	X				X	X	X		G
TETRACHLOROETHANE	X	X	X	X	F	F		X	X	X		E
TETRACHLOROETHYLENE	X	X	X	X	F	F		C	X	X	X	E
TETRACHLOROMETHANE	X	X	X		E	E				X		E
TETRACHLORONAPHTHALENE	X	X	X	X	E	E		X	X	X		G
TETRAETHYLENE GLYCOL	E	E	E	E				E	E	E		E
TETRAETHYLORTHOSILICATE				E				E	E			
TETRAHYDROFURAN (THF)	X	X	X	X				X	X	X	X	X
TIN CHLORIDE	E	E	E	E	E	E		E	C	E		

CHEMICAL RESISTANCE CHART

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
TITANIUM TETRACHLORIDE	X	X	X	X				C	C	X	X	E
TOLUENE	X	X	E	X	E	E	E	X	X	X	X	E
TOLUIDINE				X	E	F		C	X			
TOLUOL				X	E	E		X	X	X		
TRANSFORMER OIL	X	X	X	X	E	E	E	C	C	C	E	E
TRANSMISSION 'A' OIL	X	X	X	X			E	E	C	X	E	E
TRI(2-HYDROXYETHYL) AMINE				E				G	C			
TRIBUTYL PHOSPHATE	X	X	E	G			E	F		X	X	X
TRIBUTYLAMINE	G	G	E					G		F		
TRICHLOROACETIC ACID	C	G	G	C			E	C	C	X	X	C
TRICHLOROBENZENE	X	X	X	X	F	F		C	X	X		G
TRICHLOROETHANE	X	X	X	X			E	X	X	X	X	E
TRICHLOROETHYLENE	X	X	X	X	F	F	X	X	X	X	X	E
TRICHLOROMETHANE				X	F	F		X	X			
TRICHLOROTOLUENE				E				X	X			
TRICRESYL PHOSPHATE	X	X	E	E			E	X	X	X	X	G
TRIETHANOLAMINE	E	X	E	E	E	E	E	C	C	G	X	X
TRIETHYLAMINE	G	G	E	E				E	G	F		
TRIETHYLENE GLYCOL	E	E	E	E	E	E		C	E	E		E
TRIHYDROXYBENZOIC ACID				C				C	C			
TRIMETHYL PENTANE (MIXED)				X				E	G			
TRIMETHYLAMINE				C			E	C	E			
TRISODIUM PHOSPHATE	E	E	E	E	E	E	E	E	E	E	E	E
TRITOYL PHOSPHATE				E				X	C			
TUNG OIL				X	E	E		E	C			
TUNG OIL (CHINA OIL)	X	X	C	X	E	E	E	E	C	C	C	E
TURPENTINE	X	X	X	X	E	E	E	E	X	X	E	E
UNSYMETRICAL DIMETHYL HYDRAZINE (UDMH)	E	E		E				C	C	E		X
UNDECYL ALCOHOL				E				E	E			
UREA			E	E	E	E	E	G	G		E	
URETHANE FORMULATIONS							E					
URIC ACID				E				C	E			
VARNISH	X	X	X	X	E	E	E	G	X	X	C	E
VEGETABLE OILS	X	X	E	F	E	E	E	E	C	X		E
VERSILUBE F44				E			E	E	E			
VERSILUBE F55				X			E	E	E			
VINEGAR	E	F	E	E	E	E	E	G	G	F	X	C
VINYL ACETATE	X	X	G	G	E	E		C	C	X		X
VINYL BENZENE	X	X	X	X	F	F		C	X	X		G
VINYL CHLORIDE	X	X	X	C	E	E	E	X	X	X		E
VINYL CYANIDE				X	E	E		X	X			
VINYL ETHER	X	X	G					G		X		
VINYL TOLUENE	X	X	X	X				X	X	X		E
VINYL TRICHLORIDE	X	X	X	X				X	X	X		E
VITAL, 4300,5310							E					
VM & NAPHTHA	X	X	X	X				G	F	X		E
WATER	E	F	E	E	E	E	E	E	G	E	E	E
WATER, BOILING				E				G	G			
WATER, SODA				E	E	E	E	E	E			
WEMCO C	X	X	X	X				E	C	X	E	E
WHISKEY	E	E	E	E	E	E	E	E	E	E	X	X
WHITE OIL	X	X	X	X	E	E	E	E	G	X	E	X
WHITE PINE OIL	X	X	X	X				C	X	X		E
WINES	E	E	E	E	E	E	E	E	E	E	X	X
WOOD ALCOHOL	E	E	E	E	E	E		E	E	E	X	X
WOOD OIL	X	X	X	X	E	E	E	E	C	C	C	E
XENON	E	E	E	E				E	E	E	E	E
XYLENE, XYLON	X	X	X	X	F	F	E	X	X	X	C	E
XYLIDINE	C	C	X	G			E	C	X	X	X	X
ZEOLITES	E	E	E	E				E	E	E		E
ZINC ACETATE	E	X	E	E			E	G	C	E	X	X
ZINC CARBONATE	E	E	E	E				E	E	E		E
ZINC CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
ZINC CHROMATE			E	E				C	E	F		
ZINC SULFATE	E	E	E	E	E	E	E	E	E	E		E
1 UNDECANOL	E	E	E	E	E	G		E	E	E		G
1-AMINO-2-PROPANOL								C				
1-AMINOBUTANE				C				C	X			
1-AMINOPENTANE				X				F	C			
1-BROMO-2-METHYL PROPANE				X				X	X			
1-BROMO-3-METHYL BUTANE				X				X	X			
1-BROMOBUTANE				X				X	X			

CHEMICAL RESISTANCE CHART

ALFAGOMMA

CHEMICAL OR MATERIAL CONVEYED	COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
1-CHLORO-2-METHYL PROPANE				X				X	X			
1-CHLORO-3-METHYL BUTANE				X				X	X			
1-DECANOL	E	E	E	X	E	E		E	X	E		G
1-HENDECANOL				E				E	E			
1,4-DIOXANE	X	X	G	C	E			X	X	X		X
2(2ETHOXYETHOXY) ETHANOL				C				C	C			
2(2ETHOXYETHOXY) ETHYL ACETATE				X				X	X			
2-AMINOETHANOL	G	G	E	E				C	C	G		
2-CHLOROPHENOL	X	X	X	E				B	E	X	X	E
2-CHLOROPROPANE	X	X		E				E	E	X		X
2-ETHOXYETHANOL				C	E	E		C	X			
2-ETHOXYETHYL ACETATE				B	E	E		X	X			
2-ETHYL(BUTYRALDEHYDE)	X	X	E					X		X		X
2-ETHYL-1-HEXANOL	E	E	E	C	E	E		C	C	E	X	G
2-ETHYLHEXANOIC ACID								F				
2-OCTANONE				E				E	E			
3-BROMOPROPENE				X				X	X			
3-CHLOROPROPENE				X	E	G		C	X			
3-COAL OIL				X				E	G			
4-HYDROXY-4-METHYL-2-PENTANONE				E	E	E		X	C			

PVC CHEMICAL RESISTANCE CHART

A: Satisfactory
C: Questionable - Suggest testing
U: Unsatisfactory
Blank: No data available

Chemical	Concentration	Temperature 20 °C 68 °F	60 °C 140 °F
Acetate Solvents		U	U
Acetic Acid	10%	A	C
Acetic Acid	Glacial	C	U
Acetone		U	U
Acrylonitrile		A	C
Adipic Acid		A	C
Alcohol Butyl		A	C
Alcohol Ethyl		A	C
Alcohol Isopropyl		A	C
Alcohol Methyl		A	C
Aluminum Acetate		A	
Aluminum Chloride		A	A
Aluminum Hydroxide		A	
Aluminum Sulfate		A	A
Allyl Chloride			
Ammonia	0.88 S.G. (Aqueous)	A	A
Ammonia	Dry Gas	A	
Ammonia	Liquid	U	U
Ammonium Chloride		A	A
Ammonium Hydroxide		A	
Animal Oils			
Amyl Acetate		U	U
Aniline Oils			
Aromatic Hydrocarbons		U	U
Asphalt		U	U
ASTM Fuel A		A	A
ASTM Fuel B		U	U
ASTM 1 Oil			
ASTM 3 Oil			
Barium Chloride		A	A
Barium Hydroxide		A	A
Barium Sulfide		A	A
Benzene		U	U
Benzine		C	C
Bordeaux Mixture		A	A
Borax		A	A
Boric Acid		A	A
Brine		A	A
Bromine Traces		U	U
Butyl Acetate		U	U
Calcium Hydroxide		A	A
Calcium Hypochlorite		A	A
Carbonic Acid		C	U
Carbon Dioxide		A	A
Carbon Disulphite		U	U
Carbon Monoxide		A	A
Carbon Tetrachloride		U	U
Casein		A	C
Chlorine	Dry gas	A	A
Chlorine	Wet Gas	C	U
Chlorine	Water	U	U
Chlorobenzene		U	U
Chlorinated Hydrocarbons		U	U
Chloroform		U	U
Chromic Acid	10%	A	C
Citric Acid		A	A
Coal Tar		U	U
Copper Chloride		A	A
Copper Nitrate		A	A
Copper Sulphate		A	A
Cottonseed Oil			
Creosote		U	U
Cresol		A	C

Chemical	Concentration	Temperature 20 °C 68 °F	60 °C 140 °F
Cresylic Acid		U	U
Cyclohexane		A	C
Cyclohexanone		U	U
DDT Weed Killer		A	C
Detergent Synthetic		A	A
Developers Photographic		A	A
Dextrin		A	A
Dextrose		A	A
Dibutyl Phthalate		U	U
Dichlorobenzene		U	U
Diesel Oil			
Diethylene Glycol		A	A
Diethyl Ether		U	U
Di-isodecyl Phthalate		U	U
Dicotyl Phthalate		U	U
Emulsifiers		A	A
Emulsions Photographic		A	A
Ethyl Acetate		U	U
Ethylene Dichloride		U	U
Ethylene Glycol		A	A
Fatty Acid		A	A
Ferric Chloride		A	A
Ferric Sulphate		A	A
Ferrous Chloride		A	A
Ferrous Sulphate		A	A
Fixing Solution Photographic	A	A	
Fluorine		U	U
Formaldehyde	40%	U	U
Formic Acid	40%	A	A
Formic Acid	50%	C	U
Formic Acid	100%	U	U
Fuel Oil			
Glacial Acetic Acid		C	U
Glucose		A	A
Glycerine		A	A
Grape Sugar		A	A
Grease			
Heptane		C	U
Hexane		C	U
Hydrobromic Acid		A	A
Hydrochloric Acid	10%	A	A
Hydrochloric Acid	40%	A	U
Hydrofluoric Acid	10%	A	C
Hydrofluoric Acid	40%	A	U
Hydrofluoboric Acid		A	A
Hydrofluosilicic Acid		A	A
Hydrogen Peroxide		A	
Hydrogen Sulphide		A	
Iso-octan		A	C
Isopropyl Acetate		U	U
Kerosene		C	C
Ketones		U	U
Lactic Acid	10%	A	
Lactic Acid	100%	U	U
Lacquer Solvents		C	U
Linseed Oil			
Lubricating Oils			
Magnesium Chloride		A	A
Magnesium Hydroxide		A	A
Magnesium Sulphate		A	A
Malic Acid		A	A
Methyl Acetate		U	U
Methyl Bromide		U	U

PVC CHEMICAL RESISTANCE CHART

ALFAGOMMA

Chemical	Concentration	Temperature 20 °C 68 °F	60 °C 140 °F
Methyl Ethyl Ketone		U	U
Methylene Chloride		U	U
Mineral Oils			
Monochlorobenzene		U	U
Naphtha		C	U
Napthalene		C	U
Nitric Acid	10%	A	A
Nitric Acid	40%	A	C
Nitric Acid	70%	U	U
Nitrobenzene		U	U
Nitrogen Fertilizers		A	
Oleic Acid		A	C
Oxalic Acid		A	A
Palmitic Acid		A	A
Paraffin		A	A
Pentane		C	U
Perchloroethylene		U	U
Phenol		C	U
Phosphoric Acid		A	A
Pitch		A	C
Potassium Hydroxide		A	A
Propane		A	A
Sea Water		A	A
Sodium Hydroxide (caustic soda)	10%	A	A
Sodium Hydroxide (caustic soda)	50%	A	U
Sodium Cyanide		A	A

Chemical	Concentration	Temperature 20 °C 68 °F	60 °C 140 °F
Soybean Oil			
Stearic Acid		A	A
Styrene		U	U
Sulphur Dioxide	Dry	A	A
Sulphur Dioxide	Moist	C	U
Sulphur Dioxide	Liquid	U	U
Sulphuric Acid	45%	A	A
Sulphuric Acid	60%	C	C
Sulphuric Acid	98%	U	U
Sulphurous Acid	30%	A	
Tannic Acid		A	A
Tartaric Acid		A	A
Tetrahydrofuran		U	U
Toluene		U	U
Trichlorethylene		U	U
Triethanolamine		A	A
Tricresyl Phosphate		U	U
Turpentine		C	U
Urea		A	A
Vinegar		A	A
Vinyl Acetate		U	U
Vinyl Chloride		U	U
Water		A	A
Xylene		U	U
Zinc Chloride		A	A
Zinc Sulphate		A	A

FORMULAS AND CONVERSION FACTORS

LENGTH	mm	in	mm x 0,03937 = in
	in	mm	in x 25,4001 = mm
	m	ft	m x 3,2808 = ft
	ft	m	ft x 0,3048 = m
WEIGHT	kg	lb	kg x 2,20462 = lb
	lb	kg	lb x 0,45359 = kg
	kg/m	lb/ft	kg/m x 0,672 = lb/ft
	lb/ft	kg/m	lb/ft x 1,488 = kg/m
PRESSURE	bar	MPa	bar x 10-1 = MPa
	MPa	bar	MPa x 10 = bar
	bar	psi	bar x 14,504 = psi
	psi	bar	psi x 0,068948 = bar
	mm Hg	bar	mm Hg x 1,33322 x 10^{-3} = bar
TEMPERATURE	°C	°F	9/5 °C + 32 = °F
	°F	°C	5/9 x (°F - 32) = °C

LIMITED WARRANTY (North American Market only)

The Products sold or distributed by Seller are warranted to its customers to be free from defects in material and workmanship at the time of shipment by us, subject to the following provisions:

all warranty claims shall be made within six (6) months after seller shipped the products. seller's liability and customer's remedy hereunder, under any theory of law or equity, including without limitation, for breach of contract, negligence, or otherwise, is limited, at seller's exclusive discretion, solely to 1) the purchase price of any products proving defective; 2) repair of any defective product or part thereof; or 3) replacement of any defective product or part upon its authorized return to seller.

This warranty is in lieu of and excludes, without limitation and to the fullest extent allowable by law, all other warranties or conditions, expressed, implied, statutory, or otherwise created under applicable law including, but not limited to, the warranty of merchantability, the warranty of fitness for a particolar purpose, conditions of satisfactory quality, any obligation or warranty to remote purchasers, and those from a course of dealing or usage of trade.

In addition, this warranty shall not apply to any products or portions there of that have been subjected to abuse, misuse, improper installation, maintenance, or operation, electrical failure or abnormal conditions, and to products that have been tampered with, altered, modified, repaired, reworked by anyone not approved by seller, or used in any manner inconsistent with any instructions or specifications provided with or for the product.

In no event shall seller or the manufacturer of the product have any liability whatsoever to any person, including without limitation, any immediate buyer, remote purchaser, or other third party, for any special, punitive, incidental, or consequential damages, including without limitation, loss of profits of customer or any other person, loss or damage to physical property of customer or any other person, and loss of anticipated revenue, profits, goodwill, savings, or other economic loss of customer or any other person, even if advised of the possibilità thereof in advance, whether or not arising in, caused by, or resulting from, beach of contract, the negligence of seller and/or the manufacturer of the product, or otherwise, unless specifically provided herein and except any liability that cannot be excluded or limited by applicable law.

There are no warranties that extend beyond the description on the face hereof.

INDUSTRIAL HOSE INDEX

ALFAGOMMA

RFH
General purpose ducting 10
Conduit à usage multiple

RFH-PLUS
Fabric reinforced, All purpose hose 10
Renforcé de textile, Tuyau á usage multiple

RFH-White
General purpose hose - Pharmaceutical, FDA 11
Tuyau á usage multiple - Pharmaceutique, FDA

RFH-W
Drag resistant 11
Résistant au frottage

SDH
Smooth interior 12

UFD-SD
Static dissipative 12
Anti-statique

RFH.045
Heavy duty, All purpose hose 13
Service sévère, Tuyau á usage multiple

CUFFED END FINISHES
Tight seal 13
Fermeture scellé

UFD
Severe service 14
Service sévère

UFD.020
Light weight, Oil mist 14
Service léger, résistant aux projections d'huile

UFD.045
Heavy duty, Severe service 15
Service sévère

UFD.060
Heavier duty, Severe service 15
Service plus sévère

2CN
Rugged 16
Robuste

2PN
Flame retardant 16
Résistant au flammes

PA-EX
High temperature 17
Haute température

TD-S/TD-HS
Drag resistant 17
Résistant au frottage

INDEX DE TUYAUX INDUSTRIELS

ALFAGOMMA

CVD
Economical, General purpose hose 18
Economique, Tuyau á usage multiple

CVD.020
Lightweight 18
Léger

Series GT
Light-duty PVC dust collection and blower hose. 19

Series WH
Medium-duty PVC suction, blower and ducting hose. 19

ARD
Economical, Air duct cleaning 20
Economique, nettoyage de conduit d'air

SLP-10
Air ventillation 20
Ventilation d'air

ARH
Economical, General purpose hose 21

UFD-AP
Severe service, Smooth interior 21

CVD-AP
Light duty, Material handling 22

333
Insulation blowing 22

SUPER VAC-U-FLEX®
Industrial vacuum 23
Aspirateur industriel

SUPER VAC-U-FLEX® CMD
Excellent flexibility 23
Souplesse excellente

SUPER VAC-U-FLEX® EH-L
Light duty 24

HTR
Heater/Defroster and A/C hose 24

VAC-U-LOK®
Crush resistant 25

VH2000
Vacuum 25

CUFFS
Accessories 26

DURA-FLEX "D"
Heater/Defroster 26
Chaufferette/Degivrage

1PV-EP-HM/1PN-EP-HM
Blower hose....27

THERMA-COOL PV&PN
Insulated heat & A/C....27

TP-W
High temperature....28

FLEX-FLYTE® L-1
Light weight....29

FLEX-FLYTE® L-9/DSF
Heavy weight....29
Service sévère

FLEX-FLYTE® U-9/SSF
Light weight....30
Léger

FLEX-FLYTE® LR-1
Smooth interior....30
Intérieur lisse

FLEX-FLYTE® R
Abrasion resistant....31
Résistant à l'abrasion

FLEX-FLYTE® TFE-S
Teflon® liner....31
Doublure en Teflon®

FLEXFAST COUPLINGS
Accessories....32

ACCESSORIES FOR CONDUIT & VENTILLATION
Connectors....33
Connectors

COUPLERS FOR CONDUIT & VENTILLATION
Connectors....33
Connectors

Tiger-Duct™ EDB....34

GEX-FLT Exhaust Hose - "Crush Proof"....34
Boyeau d'échappement - "Crush Proof"

Universal Adapter - 94264/GEX-RA300 COUPLERS....35
Tailpipe Adapter - 92556/GEX-F250 COUPLERS....35
Aluminum Y Adapter - 92263/800 COUPLERS....35
Rubber Y Adapter - 92518/GEX-RY30 COUPLERS....35
Dual Tailpipe Adapter - 92517/GEX-F475 COUPLERS....35
Door Port - 92261/GEX-DF25 COUPLERS....35
Diesel Stack - 94516/GEX-DSR600 COUPLERS....35
Diesel Elbow Adapter - 92262/GEX-AEL40 COUPLERS....35

L174AA
Compressed air 10 bar (150 psi) - standard duty....37
Air comprimé 10 bar (150 psi) - service standard

L175AH
Compressed air 20 bar (250 psi) - standard duty....37
Air comprimé 20 bar (250 psi) - service standard

VERSICON
Multipurpose 20 bar (300 psi) - non conductive....38
Usage-multiple 20 bar (300 psi) - non conductif

GLACIER™ MULTIPURPOSE
Multipurpose 20 bar (300 psi)....38
Usage-multiple 20 bar (300 psi)

155AK
Compressed air 20 bar (300 psi) - heavy duty....39
Air comprimé 20 bar (300 psi) - service sévère

L155KK
Rubber Covered Multipurpose Hose, Heavy Duty Type....39
Tuyau polyvalent recouvert de caoutchou, service sévère

140AK
Compressed air 40 bar (600 psi) steel reinforced....40
Air comprimé 40 bar (600 psi) armeture acier

132AE
Compressed air 80 bar (1200 psi) high temperature - steel braided....40
Air comprimé - haute température - Armature acier

142AK
Oil Resistant Steel Braided Reinforced Air Hose - 40 bar (600 psi)....41
Tuyaux d'air en tresse d'acier résistant a l'huile - 40 bar (600 psi)

902AA
Hot air blower 10 bar (150 psi) - hard wall....41
Aspiration et refoulement d'air chaud - 10 bar (150 psi)

903LE
Hot air blower 10 bar (150 psi) - hard wall FDA....42 & 77
Aspiration et refoulement d'air chaud - 10 bar (150 psi)

L179AA/806AA/FLEXOR 6
Push-loc/push-on 28 bar (400 psi)....42
Push-loc/push-on 28 bar (400 psi)

160AA
Railway air brake 20 bar (300 psi) BS 3682/1 AS 2435 UNE 25289, UIC 830-1/V....43
Air comprimé freinage ferroviaire 20 bar BS 3682/1 AS 2435 UNE 25289, UIC 830-1/V

A1243 Series
Non-Toxic PVC Air Breathing Hose....43
Tuyau à air pour réspiration, non-toxic

A1263 Series
Low Temperature Non-Toxic PVC Air Breathing Hose....44
Tuyau à air non-toxic pour réspiration en PVC à basse température

220 Series
Linear Low Density Food Grade Polyethylene Tubing....44
Tuyau en Polyèthylene

K1231(yellow), K1234(red), K1236(blue) Series
TUNDRA-AIR® Air & Water Hose 45
Tuyau TUNDRA-AIR® à air et eau

221 Series
Linear Low Density Industrial Grade Polyethylene Tubing 45
Tuyaux en Polyèthylene

K1131(yellow), K1134(red), K1136(blue), K1137(green), K1138(grey) Series
POLYAIR® Multi-Purpose Air & Water Hose 46
Tuyau multiple-usage POLYAIR® à air et eau

K1154(red), K1156(blue) Series
General Purpose PVC Air & Water Hose 46
Tuyau PVC multiple-usage à air et eau

US Series
Ether-Based Polyurethane Self-Store Coiled Tubing Assemblies for Air Tool Service 47
Tuyau rétractable en uréthane - ne s'entortille pas, pour service d'outils à air

NS/NSB Series
Nylon Self-Store Reinforced Hose Assembly 47
Tuyau renforcé et rétractable en nylon

K3150/49200
CLEARBRAID® K3150 Series RF Standard Wall PVC Food & Beverage Hose 50
Tuyau de produits alimentaires CLEARBRAID® K3150 Serie RF

K3130
CLEARBRAID® K3130 Series BF Heavy Wall PVC Food & Beverage Hose 50
Tuyau de produits alimentaires CLEARBRAID® K3130 Serie BF en PVC renforcé; approuvé par "FDA"

266GL/Type K
Standard-duty PVC general purpose suction & transfer hose. 51
Aspiration d'eau et de transfert en PVC

268LL
Pools-SPA water circulation 51
Piscine-SPA circulation d'air

P286EE
Water discharge (PVC) lay flat - standard duty 52
Transport d'eau S'enroulant a plat - PVC - service standard

P288HH
Water discharge - PVC - lay flat - heavy duty 52
Transport d'eau s'enroulant a plat - PVC - service severe

253AA
EPDM discharge 10 bar (150 psi) - lay flat 53
EPDM renvoie 10 bar (150 psi) - plat

202AA
General Purpose S&D - 10 bar (150 psi) EPDM 53
EPDM usage géneral S&D - 10 bar (150 psi)

222AA Arctic NEW!
Multipurpose suction & delivery 10 bar (150psi) - EPDM 54
Aspiration multi-usage et refoulement 10 bar (150psi) - EPDM

WST Series - Kanaline SR
Heavy Duty Reinforced PVC Suction & Discharge Hose 54
Service Severe PVC renforcé d'aspiration et de refoulement.

248AE
High pressure water delivery 100 bar (1500 psi) snow maker - steel braided 55
Distrbution d'eau a haute pression 100 bar (1500 psi) neige artificielle - Spirale en acier

L248AI SNOWSTORM
PU- coated snow hose in double jacket construction 55
Tuyau neige recouvert d'une double enveloppe

ND
Nitrile discharge 56
Décharge Nitrile

ALFAFLEX
Rubber Covered Multipurpose Hose 56
Tuyau agricole polyvalent

ALFAFLEX PU
Polyurethane Multipurpose Hose 57
Tuyau polyvalent en polyuréthane

K4131(yellow); K4132(orange); K4137(gray)
Agri-Spray Hose (600 psi) - PVC 58
Pulvérisant (600 psi) - PVC

A1661
Spray Hose 40 bar (600 psi) - PVC 58
Tuyau pulvérisant 40 bar (600 psi) - PVC

A1687 Series
800 PSI (55 bar) PVC/Polyurethane Blend Reinforced Spray Hose 59
Tuyau pulvérisant 800 PSI (55 bar) PVC/ Mélange de Polyurethane Renforcé

266OA
Air seeder - PVC 59
Semoir à Air - PVC

702AA
Air seeder 10 bar (150 psi) 60
Semoir à Air 10 bar (150 psi)

SJMD Series
Mill Discharge Hose 61
Tuyau de refoulement - Moulin

283AH
Fire reel 12 bar (180 psi) EN 694/A2 61
Bobine de feu 12 bar (180 psi) EN 694/A2

251AA
Fire reel 40 bar (600 psi) - textile braided NF EN 1947/C/1/II 62
Bobine de feu 40 bar (600 psi) - nappe textile NF EN 1947/C/1/II

210AA
Fire engine water S&D 5 bar (75 psi) corrugated - soft ends EN ISO 14557/A 62

351LG
Hot water wash down 10 bar (150 psi) built in nozzle 64
Nettoyage eau chaude 10 bar (150 psi) buse intégré

357AG
Hot Water Washdown - Super Duty 27 bar (400 psi) 64
Nettoyage eau chaude - Super Duty 27 bar (400 psi)

350LL(white/blanc)/350LE(blue/bleu)
Steam 7 bar (100 psi)-hot water 15 bar (225 psi) exceeds BS 5122/A2 FDA....65
Vapeur 7 bar (100psi) / eau chaude 15 bar (225 psi) FDA

352AA
Radiator 5 bar (75 psi) exceeds DIN 73411 65
Radiateur 5 bar (75psi)

340AH
Steam 18 bar (270 psi) Steel Braided 66
Nettoyage eau chaude 18 bar (270 psi) Nappes en acier

344AH
Steam 18 bar (270 psi) Steel Braided EN ISO 6134/2A 66
Nettoyage eau chaude 18 bar (270 psi) Nappes en acier - EN ISO 6134/2A

341AA
Steam 18 bar (270 psi) CIIR Steel Braided 67
Nettoyage eau chaude 18 bar (270 psi) Nappes en acier - CIIR

345AH
Steam 18 bar (270 psi) CIIR Steel Braided EN ISO 6134/2A 67
Nettoyage eau chaude 18 bar (270 psi) Nappes en acier CIIR - 6134/2A

343AA
Saturated steam 17 bar (250 psi), oil resistant - steel reinforced BS 5342/2B NFT 47263/II3 69
Vapeur saturée 17 bar (250 psi) acier renforcé BS 5342/2B NFT 47263/II3

L270AA
Auto Heater Hose 10 bar (150psi)-HD....69
Tuyaux de refroidisement d'auto 10 bar (150 psi) - service sévère

254AL
Furnace cooling 10 bar (150 psi) - soft wall 71
Refroidisseur a fournaise 10 bar (150 psi) - parois souples

203AL
Furnace cooling 10 bar (150 psi) - hard wall....71
Refroidisseur a fournaise 10 bar (150 psi) - parois rigid

957LL
Cable cooling 10 bar (150 psi) non conductive....72
Refroidissement de cable 10 bar (150 psi) non-conductif

452LE/LH
Liquid food delivery 10 bar (150 psi) FDA 75
Refoulement de liquides alimentaires 10 bar (150 psi) FDA

410LL
Alcoholic beverages S&D 16 bar (240 psi) crush resistant FDA....75
Aspiratione et refoulement de boissons, alcoolisées 16 bar (240 PSI) - résistant à l'écrasement FDA ARRETE DU 09/11/94 D.M. 21/03/73

350LE (Z)
Liquid Food & Potable Water Delivery 10 bar (150 psi)....76
Refoulement d'aliments liquide et Eau potable 10 bar (150 psi)

L350LE-Z ALFAFLEX AQUA
Durable potable water hose in polyurethane....76
Tuyau d'eau potable durable en polyuréthane

INDEX DE TUYAUX INDUSTRIELS

ALFAGOMMA

412LE
Milk tanker 10 bar (150 psi) - hard wall FDA 77
Réservoir a lait 10 bar (150 psi) - mur rigide FDA

903LE
High Temp EPDM 10 bar (150 psi) - suction & discharge hard wall FDA 77
Haute Temperature EPDM Inspiration et refoulement 10 bar (150 psi) - mur rigide FDA

405LE/LH
Fat food S&D 10 bar (150 psi) FDA 78
Fat food S&D 10 bar (150 psi) FDA

Series MILK/-LT / 466OC
PVC food grade liquid milk tranfer hose. 78
Tuyau PVC pour transfert liquide de lait.

468OH/FT
Liquid food S&D - PVC - heavy duty 79
FDA 90/128/EC A+B+C AS 2070
Tuyau PVC service sévère pour produits alimentaires liquides. FDA 90/128/EC A+B+C AS 2070

Series FT
Heavy duty PVC food grade material handling hose. For dry or liquid applications. 79
Tuyau en PVC de manitention d'aliments secs ou liquides.

220 Series
Linear Low Density Food Grade Polyethylene Tubing 80
Tuyau a basse densitè en Polyéthylène linèair pour alimentation.

K010
KLEARON™ 73 Clear PVC Tubing 80
Tuyau KLEARON™ 73 en vinyle transparent

K3150 /49200
CLEARBRAID® K3150/49200 Series RF Standard Wall PVC Food & Beverage Hose 81
Tuyau CLEARBRAID® K3150 Series RF Mur Standard renforcé de PVC; Pour Alimentations et breuvages

K3130
CLEARBRAID® K3130 Series BF Heavy Wall PVC Food & Beverage Hose 81
CLEARBRAID® K3130 Series BF Mur lourd en PVC Pour Alimentations et breuvages

K7300/47300
POLYWIRE® PLUS K7300 Hose Heavy Wall Wire-Yarn Reinforced Vacuum/Pressure Hose 82
Tuyau POLYWIRE® PLUS K7300 Mur lourd Renforcé avec fil de support; Tuyau - Aspiration/Pression

K7130/47000
POLYWIRE® K7130 Series Heavy Wall PVC Food & Beverage Vacuum/Transfer Hose 82
Tuyau POLYWIRE® PLUS K7130 Mur lourd PVC alimentaion et breuvages Tuyau - Aspiration/Transfert

K7160
POLYSPRING® K7160 Series Standard Wall PVC Food & Beverage Vacuum/Transfer Hose 83
POLYSPRING® K7160 Series Mur standard, tuyau en PVC pour alimenation & breuvages - aspiration/transfert

Series UVF
Standard duty Polyurethane food grade lightweight blower & ducting hose. 83
Service standard - ventilateur légeret tuyau de conduit en polyuréthane pour alimentation.

Series 2001 NEW!
Polyurethane-lined food grade material handling hose with embedded copper grounding wire. For dry application. 84
Tuyau renforcé doublé en polyurethane, fil en cuivre anti-statique incorporé. Pour applications seches.

WSTF Series
Food-grade PVC, fabric reinforced suction & discharge hose. 84
De qualité alimentaire en PVC, tissu renforcé d'aspiration et refoulement

VOLT™ Series NEW!
Heavy Duty Food Grade Dissipative Polyurethane Material handling hose with embedded copper grounding wire. For outdoor applications. 85
Tuyau service sévère en polyurethane alimentaire, fil en cuivre anti-statique incorporé.Pour applications exterieure.

VLT-SD™ Series
Heavy Duty Food Grade Dissipative Polyurethane Material handling hose with embedded copper grounding wire. For outdoor applications. 85
Tuyau service sévère en polyurethane alimentaire, fil en cuivre anti-statique incorporé. Pour applications exterieure.

760LB
Bulk food delivery 5 bar (75 psi) FDA 86
Refoulement de Pulverulents Alimentaires 5 bar (75 psi) FDA

720LG
Bulk food S&D FDA 86
Aspiration et refoulement de produits alimentaires FDA

967OL
Fish handling - PVC - super elastic 90/128/EC A+B+C 87
Manutention de poisson - PVC super elastique 90/128/EC A+B+C

949AA
Fish pump 3 bar (45 psi) 87
Pompe a poisson 3 bar (45 psi)

Series GTF
PVC food grade light weight blower & ducting hose 88
Tuyau souffleuse et des counduits en PVC; services légers

Series WT
Heavy duty PVC food grade material handling hose. For dry applications. 88
Tuyau PVC; service sévère pour produits alimentaires secs.

Series WE
Heavy duty PVC food grade material handling hose with embedded grounding wire. For dry applications..... 89
Tuyau PVC avec fil statique; service sévère pour produits alimentaires secs.

714HA / Industrial Vacuum 1/8”
Drill cutting suction 5 bar (75 psi) - corrugated red pure gum tube 91
Aspiration pour drill coupante 5 bar (75 psi) - ondulé pur gum rouge

714HAR / Industrial Vacuum 1/4”
Drill cutting suction - corrugated 10bar (150psi) red pure gum tube 91
Aspiration pour drill coupante - ondulé 10bar (150psi) pur gum rouge

760AA
Bulk material delivery 5 bar (75 psi) 92
Refoulement de produits pulverulents 5 bar (75 psi)

720AA
Bulk material S&D 10 bar (150 psi) 92
Produits pulverulents A&R 10 bar (150 psi)

Series 2020
Reinforced Polyurethane-lined material handling hose with embedded copper grounding wire. For outdoor applications. ... 93
Tuyau renforcé doublé en polyurethane, fil en cuivre anti-statique incorporé. Pour applications exterieure.

UREFLEX-1/T767
Polyurethane-lined abrasion-resistant PVC material handling hose. For dry applications. 93
Tuyau en PVC avec tube en polyurethane pour les materiaux très abrasifs. Pour application seches.

INDEX DE TUYAUX INDUSTRIELS

ALFAGOMMA

UREFLEX-UFC Series NEW
Polyurethane-lined, thick abrasion-resistant PVC material handling hose. For dry applications - Clear.....94
Tuyau en PVC avec tube épais en polyurethane pour les materiaux très abrasifs. Pour application seches - Claire

Amphibian - AMPH Series
Heavy Duty Polyurethane-lined wet or dry material handling hose. 94
Tuyau double en polyurethane pour les materiaux a services severe. Pour application seches ou liquides.

UREFLEX-2
Polyurethane-lined abrasion-resistant. PVC material handling hose. For dry applications. 95
Tuyau en PVC avec tube en polyurethane pour les materiaux très abrasifs. Pour applications seches.

UREVAC-1
Standard duty Polyurethane lightweight blower & ducting hose. 95
Tuyeau service standard en Polyurethane - léger, soufleuse et conduites.

UREVAC-2
Standard duty Polyurethane-lined lightweight PVC material handling hose.....96
Tuyau service standard avec doublure en Polyurethane - PVC léger.

UREVAC-3
Heavy duty Polyurethane-lined material handling hose with grounding wire. 96
Tuyau service sévère avec doublure en Polyurethane - avec anti-statique incorporé.

Series GT
Light-duty PVC dust collection and blower hose.....97
Tuyau PVC - sErvice léger Collecte de poussière et soufleusse

Plas-T-Flo™ - PF™ Series
Heavy duty Polyurethane Material handling hose with Grounding Wire 97
Tuyau service severe avec fil anti-static

Series MULCH
Abrasion-resistant PVC mulch & bark transfer hose.....98
Tuyau de transfert en PVC, résistant à l'abrasion pour paillis & écorses

Series W
Heavy duty PVC multi-purpos suction hose. 98
Tuyau à succion multiple-usage, service sévère.

278/Series TG - Tiger™ Green
EPDM Suction Hose for outdoor wet or dry applications. 99
Tuyau exterieure de succion EPDM pour application mouillé et sec.

Series TY - Tiger™ Yellow
EPDM Suction Hose for outdoor wet or dry applications. 99
Tuyau exterieure de succion EPDM pour application mouillé et sec

Tiger - TR1™ TR1™/T780 - 180AR 100

Series TSD - Tiger™ - SD
EPDM Suction & Discharge Hose for outdoor wet or dry applications.....100
Tuyau d'aspiration et de refoulement en EPDM pour applications en plein air humide ou sec.

Tiger - TR2™ TR2™ - Series 101

754AA
Concrete vibrator 10 bar (150 psi).....103
Vibreur de béton 10 bar (150 psi)

737AA
Concrete pumping 40 bar (600 psi).....103
Pompage de béton 40 bar (600 psi)

738AA
Concrete pumping 55 bar (800 psi) 104
Pompage de béton 55 bar (800 psi)

740AA
Concrete pumping 85 bar (1275 psi) heavy duty - steel reinforced 104
Pompage de béton 85 bar (1275 psi) - service sévère

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE
Victaulic style - Hardened insert 105

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE
Shouldered style - Hardened insert 105

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE
Heavy duty raised end - California style - Hardened insert 105

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE
Schwing style - Female - Hardened insert 106

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE
Schwing style - Male - Hardened insert 106

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE
Male BSPT - Hardened insert 106

CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED
Male NPT - Hardened insert 106

750AA
Sandblast 10 bar (150 psi) 107
Sablage 10 bar (150 psi)

753AA
Sandblast - premium quality - 10 bar (150 psi) 107
Sablage Superieur - 10 bar (150 psi)

We recommend DIXON couplings.
759AK
Gunite 10 bar (150 psi) 108
Gunitage 10 bar (150 psi)

757AA
Plaster 40 bar (600 psi) 108
Coulage De Mortier Et De Beton 40 bar (600 psi)

503AA
Acid-chemical S&D 16 bar (240 psi) - EPDM exceeds EN 12115 110
Aspiration et refoulement d'acides et de produits chimiques 16 bar (240 psi) - EPDM

202AA
General Purpose S&D - 10 bar (150 psi) - EPDM 110
EPDM usage géneral aspiration et refoulement - 10 bar (150 psi)

505OG
Acid-chemical S&D 16 bar (240 psi) - XLPE 111
Aspiration et refoulement d'acides et de produits chimiques 16 bar (240 psi) - XLPE

509OE
Acid-chemical S&D 16 bar (240 psi) - UHMWPE FDA 111
Aspiration et refoulement d'acides et de produits chimiques 16 bar (240 psi) - UHMWPE: FDA

529AA
Acid-chemical S&D 16 bar (240 psi) - Acid-chemical S&D 16 bar (240 psi) - UHMWPE - EN12115, EU 10/2011 A+B+C+D2 112
Aspiration et refoulement d'acides et de produits chimiques 16 bar (240 psi) - UHMWPE - EN12115, EU 10/2011 A+B+C+D2

519OE
Acid-chemical S&D 16 bar (240 psi) - UHMWPE FDA-Corrugated 112
Aspiration et refoulement d'acides et de produits chimiques 16 bar (240 psi) - UHMWPE FDA-Ondulé

5N551
Acid-chemical S&D 14 bar (200 psi) - heavy duty BS 5842 end at ADR annexe 1 113
Aspiration et refoulement de produits chimiques 14 bar (200 psi) - BS 5842 arrêté ADR annexe 1

5N331
Acid-chemical S&D 14 bar (200 psi) - heavy duty PTFE BS 5842 end at ADR annexe 1 113
Aspiration et refoulement de produit chimiques 14 bar (200 psi) - PTFE - haute Température BS 5842 arrêté ADR annexe 1

5J533
Tank cleaning 10 bar (150 psi) BS 5842 end at ADR annexe 1 114
Tank cleaning 10 bar (150 psi) BS 5842 arrêté ADR annexe 1

A4143S Series
MediumPressure Paint Fluid Transfer Hose (with static wire) 114

081AH/AG NEW!
Tuline Welding, Grade R 117
Tuline Soudage, Grade R

689AA
Automotive fuel 10 bar (150 psi) external textile braid 118
Carburant pour véhicules automobiles 10 bar (150 psi) tresse textile extérieure

688AA
Diesel oil delivery 15 bar (225 psi) external steel braid 118
Diesel distribution d'huile à 15 bar (225 psi) tresse extérieure en acier

668EL
Fuel-oil S&D - PVC - heavy duty 119
Aspiration et refoulement de carburants et d'huiles - PVC - services sévères

FUEL LINE/SAE30R7
Fuel Line, Vapor Emission & Crankcase Ventilation 119
Alimentation de carburant, des émissions de vapeurs & ventilation de carter

673AA
Fuel-oil S&D 10 bar (150 psi) - PVC - heavy duty 120
Aspiration et refoulement de carburants et d'huiles 10 bar (150psi) - PVC - services sévères

601AA
Oil rigger S&D 10 bar (150 psi) 120
Aspiration et refoulement de monteur d'huile 10 bar (150psi)

650AH
Fuel-oil delivery 10 bar (150 psi) 121
Refoulement d'hydrocarbures - 10 bar (150 psi)

605AA
Fuel-oil S&D 10 bar (150 psi) 121
Aspiration et refoulement d'hydrocarbures 10 bar (150 psi)

606AE (150psi)
Corrugated Arctic Heavy Duty Petroleum 10 bar 122
Pétrole arctique service severe - Ondulée 10 bar

6C1AA
Tank Oil Rigger S&D 10 bar (150psi) Corrugated 122
Tuyau pour Gréeur d'huile 10 bar (150psi) ondulé - Aspiration et refoulement

613AE
Smooth Arctic Heavy Duty Petroleum 123
Pétrole arctique service severe - Lise

6D1AA
Oil Rigger Fracking Delivery Hose 27 bar (400psi) 123
Tuyau de fracturation pour Gréeur d'huile - Refoulement 27 bar (400psi)

ND
Nitrile Discharge 124
Décharge nitrile

609AA
Fuel-oil S&D 16 bar (240 psi)exceeds EN 1761 TRbf 131/2 124
Aspiration et refoulement d' Hydrocarbures et d'huile 16 bar (240 psi) dépasse EN 1761 TRbf 131/2

629AA
Black Biofuel Petroleum S&D Hose Application 125
Tuyau noir d'aspiration et de refoulement pour pétrole et biocarburants

620AA
300psi Black fuel & oil S&D Hose 125
Tuyau noir d'aspiration et de refoulement pour hydrocarbures et l'huile; 300psi

GLACIER™ MULTIPURPOSE
Multipurpose 20 bar (300 psi) 126
Usage-multiple 20 bar (300 psi)

6J541
Fuel-oil S&D 10 bar (150 psi) - light duty BS 3492/BX BS 5842 arrêté ADR annexe 1 126
Carburant-huile S&D 10 bar (150 psi) - service léger BS 3492/BX BS 5842 arrêté ADR annexe 1

6J511 NEW!
Fuel-oil S&D 10 bar (150 psi) - standard duty BS 3492/BX BS 5842 end at ADR annexe 1 127
Aspiration et refoulement d'hydrocarbures-d'huile 10 bar (150 psi) BS 3492/BX BS 5842 arrêté ADR annexe 1

C-6P7-51 (6N111)
Fuel-oil S&D 14 bar (210 psi) 127
Aspiration et refoulement hydrocarbures - Appontement 14 bar

658AA
Domestic fuel reeling 16 bar (240 psi) textile braided EN 1360 TRbf 131/2 128
Carburant domestique / volucompteur 16 bar (240 psi) EN 1360 TRbf 131/2

659AA
LPG delivery 25 bar (375 psi) - textile braided : EN 1762/DM 128
Distribution de GPL 25 bar (375 psi) EN 1762/DM

656AA
Aircraft ground fuelling 20 bar (300 psi) EN 1361 API 1529 129
Avitaillement au sol ; Des aéronefs 20 bar (300 psi) refoulement, EN 1361 API 1529

611AA
Aircraft ground fuelling-defuelling 20 bar (300 psi) EN 1361 API 1529 129
Avitaillement au sol des aéronefs 20 bar (300 psi) - aspiration et refoulement EN 1361 API 1529

614AA
Hot tar 10 bar (150 psi) 130
Goudron 10 bar (150 psi)

604AA
Oil suction & return exceeds SAE 100R4 130
Aspiration et refoulement d'huile dépasseSAE 100R4

644AA
Oil suction & return - extra flexible high temperature exceeds SAE 100R4 131
Aspiration et refoulement d'huile - extra fléxible, haute température dépasse SAE 100R4

Series TDH
Tigerdrop™ Clear: Drop Hose 131
Tigerdrop™ Transparent: Drop Hose

Series TDHBK
Tigerdrop™ Black: Drop Hose 132
Tigerdrop™ Noir: Drop Hose

Series TV
Tigervapor™ Clear: Vapor Recovery Hose 132
Tigervapor™ Clear: Tuyau de récuperation de vapeur

Series TVHD
Tigervapor HD™: Vapor Recovery Hose 133
Tigervapor HD™: Tuyau de récupération de vapeur

BC Series
Banding Coils 133
Manchettes spiral

SLV Series
Banding Sleeves 134
Manchette de recouvrement

Series OV - Oil Vac™
Heavy Duty Smooth OD Polyurethane Hose 134
Tuyau polyurethane, service sévère, OD lisse

Series ORV
Oil Resistant Heavy Duty Smooth OD PVC Hose 135
Tuyau PVC, résistant à l'huile service sévère, OD lisse

Series WOR
Oil Resistant Heavy Duty Conveluted OD PVC Hose 135
Tuyau PVC, résistant à l'huile, service sévère, OD ondulée

653AA
Marine exhaust - soft wall SAE J2006/R1 ISO 13363/1/A+B 136
Échappement marine - parois souples SAE J2006/R1 ISO 13363/1/A+B

Series MH
Odor-retardant PVC marine sanitary hose. 136
Tuyau sanitaire anti-odeurs en PVC pour marines.

621AA
Marine exhaust - hard wall SAE J2006/R2 ISO 13363/2/A+B 137
Échappement marine - parois rigides SAE J2006/R2 ISO 13363/2/A+B

266LL
Marine sanitary hose - PVC 137
Tuyau sanitaire en PVC pour marine

470LL
Marine sanitary hose - steel helix wire 138
Tuyau sanitaire pour marine - spirales en acier noyées

60LAA
Fuel-oil S&D 7 bar (100 psi) EN 1765/S7 141
Carburant-Pétrole S&D 7 bar (100 psi) EN 1765/S7

60AAA
Fuel-oil S&D 7 bar (100 psi) EN 1765/S7 141
Carburant-Pétrole S&D 7 bar (100 psi) EN 1765/S7

60MAA
Fuel-oil S&D 10 bar (150 psi) EN 1765/S10 142
Carburant-Pétrole S&D 10 bar (150 psi) EN 1765/S10

60DAA
Fuel-oil S&D 10 bar (150 psi) EN 1765/S10 142
Carburant-Pétrole S&D 10 bar (150 psi) EN 1765/S10

64AAA
Fuel-oil delivery 10 bar (150 psi) EN 1765/L10 143
Distribution de Carburant-Pétrole; 10 bar (150 psi); EN 1765/L10

60NAA
Fuel-oil S&D 15 bar (225 psi) EN 1765/S15 143
Carburant-Pétrole S&D 15 bar (225 psi) EN 1765/S15

60GAA
Fuel-oil S&D 15 bar (225 psi) EN 1765/S15 144
Carburant-Pétrole S&D 15 bar (225 psi) EN 1765/S15

64DAA
Fuel-oil delivery 15 bar (225 psi) EN 1765/L15 144
Distribution de carburant-pétrole 15 bar (225 psi) EN 1765/L15

906AA
Roof drain 10 bar (150 psi) 145
Drainage de toitures 10 bar (150 psi)

642AA
Rig supply soft wall fuel-liquid mud 10 bar (150 psi) 146
Ravitaillement plates-formes - parois souples Hydrocarbures-boue liquide 10 bar (150psi)

646AA
Rig supply soft wall fuel-liquid mud 16 bar (240 psi) end load resistance 6.000 kg 146
Ravitaillement plates-formes - parois souples; Hydrocarbures-boue liquide 16 bar (240 psi); Résistance à la traction 6.000 kg

648AA
Rig supply soft wall fuel-liquid mud 20 bar (300 psi) end load resistance 8.000 kg 147
Ravitaillement plates-formes - parois souples; Hydrocarbures-boue liquide 20 bar (300psi). Résistance à la traction 8.000 kg

652AA
Rig supply soft wall; Fuel-liquid mud; End load resistance 10.000 kg 147
Ravitaillement plates-formes - parois souples; Hydrocarbures-boue liquide; Résistance à la traction 10.000 kg

615AA
Rig supply hard wall fuel-liquid mud 148
Ravitaillement plates-formes - Hydrocarbures 16 bar. Trbf 131/2

742AA
Rig supply soft wall bulk material 10 bar (150 psi) 148
Ravitaillementlates-formes - produits pulverulents - 10 bar (150 psi)

748AA
Rig supply soft wall; bulk material 20 bar (300 psi) end load resistance 8.000 kg 149
Ravitaillement plate-formes-produits pulvérulents 20 bar-résistant a la traction 8000kg-dnv

715AA
Rig supply hard wall bulk material 10 bar (150 psi)....149
Ravitaillement plates-formes, parois rigides pulvérulants 10 bar (150 psi)

725AA
Drilling waste - Hard wall 15 bar (225 psi); end load resistance 12,000 kg 150
Décharge de forage - parois rigide 15 bar (225 psi), résistant à fin de charge 12.000 kg

641AA
Fuel & Oil delivery 17 bar, end load resistance 5,000 kg....150
Distribution d'ydrocarbures & d'huile 17 bar, résistant à fin de charge 5.000 kg

727AA
Drilling waste - hard wall 10 bar (150 psi) end load resistance 26.000 kg....151
Décharge de forage - parois rigide 10 bar (150 psi), résistant à fin de charge 26.000 kg

442LI
Rig supply soft wall potable water 10 bar (150 psi) FDA 151
Fourniture de plates-formes, parois souples Eau potable 10 bar (150 psi) FDA

448LI
Rig supply soft wall potable water 20 bar (300 psi) end load resistance 8.000 kg FDA....152
Ravitaillement plates-formes - eau potable 20 bar (300 psi) - resistant a la traction 8000 kg FDA

415LI
Rig supply hard wall potable water 10 bar (150 psi) FDA 152
Ravitaillement plates-formes - eau potable 10 bar (150 psi) - anti ecrasement FDA

230AH
Firewater 20 bar (300 psi) 153
Firewater (Eau de feu) 20 bar (300 psi)

953AE
General purpose 20 bar (300 psi) - EPDM 153
Usage générale 20 bar (300 psi) - EPDM

151AA
Compressed air 20 bar (300 psi)heavy duty mining....155
Air comprimé 20 bar (300 psi) service sévère pour mines

151AK
Compressed air 20 bar (300 psi) heavy duty mining....155
Air comprimé 20 bar (300 psi) service sévère pour mines

157AA
Compressed air 27 bar (400 psi) Heavy duty mining 156
Air comprimé 27 bar (400 psi) service sévère pour mines

157AK
Compressed air 27 bar (400 psi) heavy duty mining....156
Air comprimé 27 bar (400 psi) service sévère pour mines

189AK
Air-water delivery - PVC - FRAS AS 2660/A AS/NZS 2554/A....157
Refoulement d'air-d'eau - PVC - FRAS AS 2660/A AS/NZS 2554/A

146AK
Compressed air-water 70 bar (1000 psi) Steel Braided Reinforced....157
Air-eau comprimé 70 bar (1000 psi) renforcé de tresse d'acier

131AA
Compressed air 70 bar (1000 psi) steelreinforced - FRAS exceeds AS 2660/B....158
Air comprimé - 70 bar (1000psi) tresses en acier - FRAS dépasse AS 2660/B

170AA
Compressed air 100 bar (1500 psi) steel braided 158
Air comprimé - 100 bar (1500psi) tresses en acier

289GG Mine dewatering - PVC - lay flat 159 159

240AA
Air-water delivery 20 bar (300 psi) - FRAS exceeds AS 2660/B 159

241AA
Air-water delivery 35 bar (525 psi) - FRAS exceeds AS 2660/B 160
Refoulement d'air-eau - 35 bar (525 psi) - FRAS dépasse AS 2660/B

225AA
General purpose S&D 10 bar (150 psi) - FRAS exceeds AS 2660/C 160
Usage géneral pour aspiration et refoulement - 10 bar (150 psi) dépasse AS 2660/C

245AA
General purpose delivery & light suction 27 bar (400 psi) - crush resistant - FRAS exceeds AS 2660/B..... 161
Usage géneral pour aspiration légere et refoulement - 27 bar (400 psi) - résistant à l'écrasement - FRAS dépasse AS 2660/B

226AA
Multipurpose S&D 20 bar (150 psi) exceeds BCS 352..... 161
Usage géneral pour aspiration et refoulement d'air et d'eau - 20 bar (150 psi) dépasse BCS 352

242AA
Multipurpose delivery 20 bar (300 psi) exceeds BCS 182 162
Usage géneral pour refoulement - 20 bar (300 psi) dépasse BCS 182

756AA
Gunite 14 bar (200 psi) - FRAS exceeds AS 2660/C..... 162
Beton Gunite 14 bar (200 psi) - FRAS dépasse AS 2660/C

765AA
Stone dust 7 bar (100 psi) - FRAS AS 2660/C 163
Poussieres de roche 7 bar (100 psi) - FRAS AS 2660/C

707AA
Abrasive slurry S&D 10 bar (150 psi) muff couplings 163
Aspiration et refoulement de boue de mine 10 bar (150 psi) - colliers a brides

MUFF COUPLING
Coupling for 706AA Hose - Fixed flange..... 164

MUFF COUPLING
Coupling for 707AA Hose - Fixed flange..... 164

MUFF COUPLING
Cone ring gasket 164

776AA
Mineral sampling 35 bar (525 psi) 165
Carottage de produits Mineraux 35 bar (525 psi)

776JA
Mineral sampling 35 bar (525 psi) 165
Carottage de produits Mineraux 35 bar (525 psi)

714HA / Industrial Vaccum 1/8”
Drill cutting suction 5 bar (75 psi) - corrugated red pure gum tube 166
Aspiration de particules abrasives avec couvert ondulé 5 bar (75 psi) pure gum rouge

660AA
Nitro blast loading AS 2187-2 166
Chargement d’explosifs nitro AS 2187-2

612AA
Nitro blast handling 20 bar (300 psi) 167
Manutention d’explosifs 20 bar (300 psi)

964AA
Cable protection - FRAS AS 1802 AS 2660 167
Protection de câbles- FRAS AS 1802 AS 2660

INDEX OF REFERENCES

ALFAGOMMA

081AH/AG 117
1PV-EP-HM/1PN-EP-HM 27
131AA 158
132AE 40
140AK 40
142AK 41
146AK 157
151AA 155
151AK 155
155AK 39
157AA 156
157AK 156
160AA 43
170AA 158
189AK 157
2CN 16
2PN 16
202AA 53
202AA 110
203AL 71
210AA 62
220 Series 44
220 Series 80
221 Series 45
222AA Arctic 54
225AA 160
226AA 161
230AH 153
240AA 159
241AA 160
242AA 162
245AA 161
248AE 55
251AA 62
253AA 53
254AL 71
266GL/Type K 51
266LL 137
266OA 59
268LL 51
278/Series TG 99
283AH 61
289GG 159
333 22
340AH 66
341AA 67
343AA 69
344AH 66
345AH 67
350LE (Z) 76
350LL(white/blanc)/350LE(blue/bleu) 65
351LG 64
352AA 65
357AG 64
405LE/LH 78
410LL 75
412LE 77
415LI 152
442LI 151
448LI 152
452LE/LH 75
468OH/FT 79
470LL 138
5J533 114
5N331 113
5N551 113
503AA 110
505OG 111
509OE 111
519OE 112
529AA 112
6C1AA 122
6D1AA 123
6J511 127
6J541 126
60AAA 141
60DAA 142
60GAA 144
60LAA 141
60MAA 142
60NAA 143
601AA 120
604AA 130
605AA 121
606AE (150psi) 122
609AA 124
611AA 129
612AA 167
613AE 123
614AA 130
615AA 148
620AA 125
621AA 137
629AA 125
64AAA 143
64DAA 144
641AA 150
642AA 146
644AA 131
646AA 146
648AA 147
650AH 121
652AA 147
653AA 136
656AA 129
658AA 128
659AA 128
660AA 166
668EL 119
673AA 120
688AA 118
689AA 118
702AA 60
707AA 163
714HA / Industrial Vaccum 1/8” 166
714HA / Industrial Vacuum 1/8” 91

INDEX DES RÉFÉRENCES

ALFAGOMMA

714HAR / Industrial Vacuum 1/4” 91
715AA 149
720AA 92
720LG 86
725AA 150
727AA 151
737AA 103
738AA 104
740AA 104
742AA 148
748AA 149
750AA 107
753AA 107
754AA 103
756AA 162
757AA 108
759AK 108
760AA 92
760LB 86
765AA 163
776AA 165
776JA 165
806AA/L179AA/FLEXOR 6 42
902AA 41
903LE ..... 42 & 77
906AA 145
949AA 87
953AE 153
957LL 72
964AA 167
967OL 87
A1243 Series 43
A1263 Series 44
A1661 58
A1687 Series 59
A4143S Series 114
ACCESSORIES - Ducting & Ventillation 33
ALFAFLEX 56
ALFAFLEX PU 57
Aluminum Y Adapter - 92263/800 35
Amphibian AMPH Series 94
TP-W 28
ARD 20
ARH 21
BC Series 133
C-6P7-51 (6N111) 127
CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE 106
CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE 105
COUPLERS - Ducting & Ventillation 33
CUFFED END FINISHES for Ducting 13
CUFFS - Ducting & Ventillation 26
CVD 18
CVD.020 18
CVD-AP 22
Diesel Elbow Adapter - 92262/GEX-AEL40 35
Diesel Stack - 94516/GEX-DSR600 35
Door Port - 92261/GEX-DF25 35
Dual Tailpipe Adapter - 92517/GEX-F475 35
DURA-FLEX “D” 26
END FINISHES for 1PV-EP-HM 28
FLEXFAST COUPLINGS 32
FLEX-FLYTE® L-1 29
FLEX-FLYTE® L-9/DSF 29
FLEX-FLYTE® LR-1 30
FLEX-FLYTE® R 31
FLEX-FLYTE® TFE-S 31
FLEX-FLYTE® U-9/SSF 30
FUEL LINE/SAE30R7 119
GEX-FLT Exhaust Hose - Crush Proof 34
GLACIER™ MULTIPURPOSE 38
GLACIER™ MULTIPURPOSE 126
HTR 24
K010 80
K1131(yellow), K1134(red), K1136(blue), ... 46
K1137(green), K1138(grey) Series 46
K1154(red), K1156(blue) Series 46
K1231(yellow), K1234(red), ... 45
K1236(blue) Series 45
K3130 50
K3130 81
K3150 /49200 81
K3150/49200 50
K4131(yellow); K4132(orange); K4137(gray) 58
K7130/47000 82
K7160 83
K7300/47300 82
L155KK 39
L174AA 37
L175AH 37
L179AA 42
L248AI SNOWSTORM 55
L270AA 69
L350LE-Z ALFAFLEX AQUA 76
MUFF COUPLING 164
ND 56
ND 124
NS/NSB Series 47
P286EE 52
P288HH 52
PA-EX 17
Plas-T-Flo™ - PF™ Series 97
RFH 10
RFH.045 13
RFH-PLUS 10
RFH-W 11
RFH-White 11
Rubber Y Adapter - 92518/GEX-RY30 35
SDH 12
Series 2001 84
Series 2020 93
Series FT 79
Series GT 19
Series GT 97
Series GTF 88
Series MH 136
Series MILK/ -LT / 466OC 78

Series MULCH 98
Series ORV 135
Series OV - Oil Vac™ 134
Series TDH 131
Series TDHBK 132
Series TSD - Tiger™ - SD 100
Series TV 132
Series TVHD 133
Series TY - Tiger™ Yellow 99
Series UVF 83
Series W 98
Series WE 89
Series WH 19
Series WOR 135
Series WT 88
SJMD Series 61
SLP-10 20
SLV Series 134
SUPER VAC-U-FLEX® 23
SUPER VAC-U-FLEX® CMD 23
SUPER VAC-U-FLEX® EH-L 24
Tailpipe Adapter - 92556/GEX-F250 35
TD-S/TD-HS 17
THERMA-COOL PV&PN 27
Tiger - Duct™ EDB 34
Tiger™ - Green (278 Series) 99
Tiger - TR1™/T780 100
Tiger - TR2™ 101
TP-W 28
UFD 14
UFD.020 14
UFD.045 15
UFD.060 15
UFD-AP 21
UFD-SD 12
Universal Adapter - 94264/GEX-RA300 35
UREFLEX-1/T767 93
UREFLEX-2 95
UREFLEX-UFC Series 94
UREVAC-1 95
UREVAC-2 96
UREVAC-3 96
US Series 47
VAC-U-LOK® 25
VERSICON 38
VH2000 25
VLT-SD™ Series 85
VOLT™ Series 85
WSTF Series 84
WST Series - Kanaline SR 54

CAUTIONARY STATEMENT

All Products sold and distributed by ALFAGOMMA, are in the nature of commodities and they are sold by published specifications and not for particular purposes, uses or applications. Purchaser shall first determine their suitability for the intended purposes, uses or applications and shall either conduct its own engineering studies or tests, or retain qualified engineers, consultants or testing laboratories and consult with them before determining the proper use, suitability or propriety of the merchandise or Products for the intended purposes, uses or applications.

ALFAGOMMA ("Seller") does not recommend the Products for any particular purpose, use or application, and the Purchaser or user thereof shall assume full responsibility for the suitability, propriety, use and application of the Products. Purchaser shall follow all instructions contained in Seller's catalogs, brochures, technical bulletins and other documents regarding the Products. The Products, including but not limited to, hose, tubing or couplings, may fail due to the use or conveyance of substances at elevated or lowered temperatures or at excessive pressure, the conveyance of abrasive, injurious, flammable, explosive or damaging substances.

Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing including connections, couplings, clamps, conductivity and bonding should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Seller shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any Products sold or distributed by it.

Purchasers or users of the Products should frequently and consistently undertake inspections and protective measures with respect to the use and application of Products, which should include the examination of tube and cover, conditions of the hose or tubing, and the identification, repair or replacement of sections showing cracking, blistering, separations, internal and external abrasions, leaking or slipped couplings or connections and make proper proof tests.

LIMITED WARRANTY

The Products sold or distributed by Seller are warranted to its customers to be free from defects in material and workmanship at the time of shipment by us, subject to the following provisions. ALL WARRANTY CLAIMS SHALL BE MADE WITHIN SIX (6) MONTHS AFTER SELLER SHIPPED THE PRODUCTS. SELLER'S LIABILITY HEREUNDER IS LIMITED AT SELLER'S EXCLUSIVE DISCRETION, TO 1) THE PURCHASE PRICE OF ANY PRODUCTS PROVING DEFECTIVE; 2) REPAIR OF ANY DEFECTIVE PRODUCT OR PART THEREOF; OR 3) REPLACEMENT OF ANY DEFECTIVE PRODUCT OR PART UPON ITS AUTHORIZED RETURN TO SELLER.

THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, EXPRESSED, IMPLIED, STATUTORY, OR OTHERWISE CREATED UNDER APPLICABLE LAW INCLUDING, BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL SELLER OR THE MANUFACTURER OF THE PRODUCT BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS, WHETHER OR NOT CAUSED BY OR RESULTING FROM THE NEGLIGENCE OF SELLER AND/OR THE MANUFACTURER OF THE PRODUCT, UNLESS SPECIFICALLY PROVIDED HEREIN. IN ADDITION, THIS WARRANTY SHALL NOT APPLY TO ANY PRODUCTS OR PORTIONS THEREOF WHICH HAVE BEEN SUBJECTED TO ABUSE, MISUSE, IMPROPER INSTALLATION, MAINTENANCE, OR OPERATION, ELECTRICAL FAILURE OR ABNORMAL CONDITIONS, AND TO PRODUCTS WHICH HAVE BEEN TAMPERED WITH, ALTERED, MODIFIED, REPAIRED, REWORKED BY ANYONE NOT APPROVED BY SELLER, OR USED IN ANY MANNER INCONSISTENT WITH THE PROVISIONS OF THE "CAUTIONARY STATEMENT" ABOVE OR ANY INSTRUCTIONS OR SPECIFICATIONS PROVIDED WITH OR FOR THE PRODUCT.

AVERTISSEMENT

Tous les produits vendus et distribués par ALFAGOMMA sont des produits de commodité et sont vendus par spécifications publiées et non pour l'utilisation ou l'application particulières. L'acheteur est tenu de déterminer avant tout la conformité des produits à l'utilisation ou à l'application prévue et est tenu de soit mener ses propres études d'ingénierie ou d'essais, ou de retenir les services d'ingénieurs, de consultants ou de laboratoires d'essais compétents et de consulter ces derniers avant de déterminer l'usage propre, l'aptitude ou la propriété de la marchandise ou produits pour l'utilisation ou l'applications prévue.

ALFAGOMMA (« Vendeur ») ne recommande pas les produits pour aucune utilisation ou application particulière, et l'acheteur ou l'utilisateur correspondant s'engage à assumer l'entière responsabilité quant à la pertinence, propriété, l'utilisation et l'application des produits. L'acheteur est tenu de suivre toutes les instructions contenues dans les catalogues vendeurs, brochures, bulletins techniques et autres documents relatifs aux produits. Les produits, y compris mais ne s'y limitant pas aux, boyaux, tuyaux ou couplages peuvent devenir inutilisables à cause de l'utilisation ou de l'acheminement de substances à températures basses ou élevées ou à haute pression, ou à l'acheminement de substances abrasives, nuisibles, inflammables, explosives ou endommageables.

Les boyaux ou tuyaux utilisés selon une configuration courbée seront soumis à une abrasion accrue. Les brides de serrage ou les couplages peuvent se desserer une fois que l'installation itiniale ait été effectuée. Toutes les sections du boyau et du tuyau y compris les connections, les couplages, les brides de serrage, la conductivité et les liaisons doivent être inspectés de façon fréquente et régulière et devraient être remplacés, ajustés ou reserrés afin d'éviter les fuites et ainsi prévenir les blessures et les dommages et ainsi assurer une sécurité générale. À l'exception de ce qui est mentionné dans la garantie limitée, le vendeur n'est pas tenu responsable des blessures directes ou indirectes ou des dommages causés par un bris ou un malfonctionnement de tout produit vendu ou distribué par le dit vendeur.

Les acheteurs ou utilisateurs des produits devraient procéder à des vérifications fréquentes et régulières et mettre en œuvre des mesures de protection à l'égard de l'utilisation et de l'application des produits. Celles-ci devraient consister en la vérification du tuyau et revêtement, à la vérification des conditions du boyau ou du tuyau, et en l'identification, la réparation ou le remplacement des sections démontrant fissures, cloquages, abrasions internes et externes, fuites ou glissements des accouplements ou des connections et procéder à des validations.

GARANTIE LIMITÉE

Le vendeur garantit à l'acheteur que les produits vendus et distribués seront exempt de défauts de matériau et de fabrication au moment de la livraison par ce dernier, sous réserve des dispositions ci-après. TOUTES RÉCLAMATIONS DE GARANTIES DOIVENT ÊTRE FAITES DANS LES SIX (6) MOIS SUIVANT LA LIVRAISON DES PRODUITS PAR LE VENDEUR. LA RESPONSABILITÉ CI-DESSOUS DU VENDEUR EST LIMITÉE SELON LA DISCRÉTION EXCLUSIVE DE CE DERNIER, À SOIT 1) REMBOURSER LE PRIX D'ACHAT DE TOUT PRODUIT QUI S'AVÈRE DÉFECTUEUX; 2) RÉPARER TOUT PRODUIT OU UNE PARTIE DU PRODUIT QUI S'AVÈRE DÉFECTUEUX; OU 3) REMPLACER TOUT PRODUIT OU PARTIE DU PRODUIT QUI S'AVÈRE DÉFECTUEUX SUR RETOUR AUTORISÉ AU VENDEUR.

LA GARANTIE LIMITÉE ANNULE ET REMPLACE TOUTE AUTRE GARANTIE, EXPLICITE OU IMPLICITE, EN VERTU DE LA LOI, COMPRENANT MAIS DE FAÇON NON LIMITATIVE TOUTE GARANTIE MARCHANDE OU D'APTITUDE AUX FINS D'UN USAGE PARTICULIER. LE VENDEUR OU LE MANUFACTURIER NE PEUT, EN AUCUN CAS, ÊTRE TENU RESPONSABLE DE TOUT DOMMAGE EXTRAORDINAIRE, INDIRECT OU CONSÉCUTIF, Y COMPRIS, PERTE DE PROFIT, SOIT IMPUTABLE OU NON À LA NÉGLIGENCE DU VENDEUR ET/OU DU MANUFACTURIER, SAUF DISPOSITION SPÉCIFIQUE CONTRAIRE. EN OUTRE, LA GARANTIE NE S'APPLIQUE PAS AUX PRODUITS OU PARTIES DU PRODUIT QUI ONT ÉTÉ SOUMIS À UN MAUVAIS USAGE, UN USAGE ABUSIF, UNE INSTALLATION INADÉQUATE, UN MAUVAIS ENTRETIEN, UNE MAUVAISE EXPLOITATION, UNE PANNE ÉLECTRIQUE OU DES CONDITIONS ANORMALES, ET NI AUX PRODUITS QUI ONT ÉTÉ ALTÉRÉS, MODIFIÉS, RÉPARÉS, RETRAVAILLÉS, PAR QUICONQUE AUTRE QU'UN VENDEUR AUTORISÉ OU UTILISÉS À DES FINS NON CONFORMES AUX DISPOSITIONS DE "L'AVERTISSEMENT" CI-DESSOUS OU TOUT AUTRE INSTRUCTION ET SPÉCIFICATION FOURNIE AVEC LE PRODUIT.

ALFAGOMMA CANADA INC.
6550 Rue Abrams
Montréal, Quebec
Canada H4S 1Y2
Tel: +1 (514) 333-5577
www.alfagomma.com

2019 Edition - IH/AGC