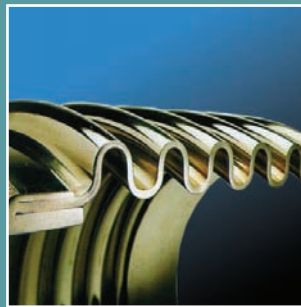
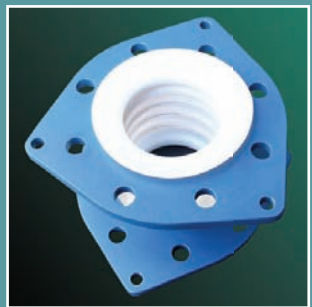
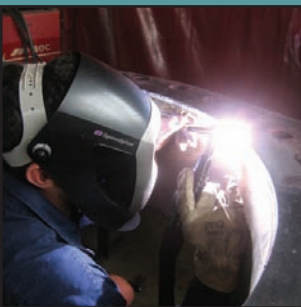


04



RUBBER AND COMPOSITE DUCTING

Product Guide



PRODUCT RANGE

4.03 | Complete Range of Pacific Hoseflex

01

Teflon® Hose



02

Stainless Steel Interlock Hose
Stainless Steel Hose



03

Expansion Joints:
Rubber
Teflon®
Stainless



04

Composite Hose
Ducting Hose
Rubber Hose



05

Fittings



5

4

3

2

1

L-071 AE



WELDING 12 BAR (174 PSI) - AS 1335

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
071AE00512000Z	LS	5	3/16	12	3.5	130	12	174		40	100	100
071AE01019000Z	LS	10	3/8	19	4.5	290	12	174		80	100	100

TUBE: BLACK SBR/NR BLEND
 REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
 COVER: BLUE NR/EPDM BLEND - ABRASION AND OZONE RESISTANT
 APPLICATION: OXYGEN WELDING.
 SAFETY FACTOR: ACCORDING TO AS 1335
 TEMPERATURE: -25°C +80°C (-13°F +176°F)

L-071 AH



WELDING 12 BAR (174 PSI) - AS 1335

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
071AH00512000Z	LS	5	3/16	12	3.5	130	12	174		40	100	100

TUBE: BLACK SBR/NR BLEND
 REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
 COVER: RED NR/EPDM BLEND - ABRASION AND OZONE RESISTANT
 APPLICATION: ACETYLENE WELDING.
 SAFETY FACTOR: ACCORDING TO AS 1335
 TEMPERATURE: -25°C +80°C (-13°F +176°F)

L-071 EH



TWIN WELDING 12 BAR (174 PSI) - OXYGEN/ACETYLENE - AS 1335

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
071EH00512000Z	LS	5	3/16	12	3.5	320	12	174		100	100	100

TUBE: BLACK SBR/NR BLEND
 REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
 COVER: RED,BLUE NR/EPDM BLEND - ABRASION AND OZONE RESISTANT
 APPLICATION: OXYGEN/ACETYLENE TWIN WELDING.
 SAFETY FACTOR: ACCORDING TO AS 1335
 TEMPERATURE: -25°C +80°C (-13°F +176°F)

L-078 AI



LPG 26 BAR (377 PSI) - AS/NZS 1869/C

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
078AI005120DDZ	LS	5	3/16	12	3.5	130	26	377		50	100	100

TUBE: BLACK SYNTHETIC ELASTOMER
 REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
 COVER: ORANGE NR/EPDM BLEND - ABRASION, OZONE AND FIRE RESISTANT
 APPLICATION: LPG WELDING. GOOD FLEXIBILITY AT LOW TEMPERATURES AND CRUSH RESISTANT.
 SAFETY FACTOR: ACCORDING TO AS/NZS 1869/C
 TEMPERATURE: -25°C +80°C (-13°F +176°F)

L-078 EI



TWIN WELDING 12 BAR (174 PSI) - OXYGEN/LPG - AS 1335

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
078EI005120000	LS	5	3/16	12	3.5	320	12	174		100	100	100

TUBE: BLACK SYNTHETIC ELASTOMER
 REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
 COVER: ORANGE,BLUE NR/EPDM BLEND - ABRASION AND OZONE RESISTANT
 APPLICATION: OXYGEN/LPG TWIN WELDING. GOOD FLEXIBILITY AT LOW TEMPERATURES AND CRUSH RESISTANT.
 SAFETY FACTOR: ACCORDING TO AS 1335
 TEMPERATURE: -25°C +80°C (-13°F +176°F)

P-191 AK



COMPRESSED AIR 20 BAR (300 PSI) - PVC - AS/NZS 2554/B

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
191AK0061215PD	LS	6	1/4	12	3.0	115	20	300		48	100	100
191AK0081415PD	LS	8	5/16	14	3.0	140	20	300		64	100	100
191AK0101615PD	LS	10	3/8	16	3.0	170	20	300		80	20 / 100	20 / 100
191AK0131915PD	LS	13	1/2	19	3.0	205	20	300		104	20 / 100 / 130	20 / 100
191AK0192715PD	LS	19	3/4	27	4.0	365	20	300		152	20 / 100	20 / 100
191AK0253415PD	LS	25	1	34	4.5	520	20	300		200	20 / 100	20 / 100

TUBE: BLACK PLASTICIZED PVC - OIL MIST RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: YELLOW RIBBED PLASTICIZED PVC - WITH LONGITUDINAL BLUE STRIPES - ABRASION AND OZONE RESISTANT
APPLICATION: COMPRESSED AIR AND GENERAL INDUSTRIAL APPLICATIONS. ALSO SUITABLE FOR CROP SPRAYING OF FERTILIZERS, PESTICIDES AND WEED-KILLERS.
SAFETY FACTOR: ACCORDING TO AS/NZS 2554/B
TEMPERATURE: -5°C +60°C (+23°F +140°F)

P-192 AE

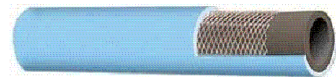


COMPRESSED AIR 16 BAR (240 PSI) - PVC - AS/NZS 2554/B

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
192AE006120000	LS	6	1/4	12	3.0	115	16	240		48	20 / 100	20 / 100
192AE008140000	LS	8	5/16	14	3.0	145	16	240		64	20 / 100	20 / 100
192AE010160000	LS	10	3/8	16	3.0	175	16	240		80	20 / 30 / 100 / 300	20 / 30 / 100 / 300
192AE013190000	LS	13	1/2	19	3.0	210	16	240		104	20 / 100 / 200	100 / 200

TUBE: BLACK PLASTICIZED PVC
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLUE PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
APPLICATION: COMPRESSED AIR AND GENERAL INDUSTRIAL APPLICATIONS. GOOD FLEXIBILITY AT LOW TEMPERATURES.
SAFETY FACTOR: ACCORDING TO AS/NZS 2554/B
TEMPERATURE: -10°C +60°C (+14°F +140°F)

W-195 AT



COMPRESSED AIR 20 BAR (300 PSI) - POLYURETHANE - PNEUMATIC TOOLS

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
195AT006101KGO	NS	6	1/4	10	2.0	65	20	300		24	100	
195AT008121KGO	NS	8	5/16	12	2.0	80	20	300		32	100	
195AT010151KGO	NS	10	3/8	15	2.5	115	20	300		40	100	
195AT013191KGO	NS	13	1/2	19	3.0	180	20	300		52	100	

TUBE: BLACK POLYURETHANE - OIL MIST RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: LIGHT BLUE SYNTHETIC ELASTOMER - ABRASION AND OZONE RESISTANT
APPLICATION: COMPRESSED AIR FOR PNEUMATIC TOOLS AND PAINT SPRAY.
SAFETY FACTOR: 3:1
TEMPERATURE: -20°C +60°C (-4°F +140°F)

L-175 AK



COMPRESSED AIR 20 BAR (300 PSI) - STANDARD DUTY

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
175AK013211J10	LS	13	1/2	21	4.0	340	20	300			20	20
175AK020301J10	LS	20	3/4	30	5.0	650	20	300			20	20
175AK025351J10	LS	25	1	35	5.0	770	20	300			20	20

TUBE: BLACK SBR/NBR BLEND - OIL MIST RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: YELLOW SYNTHETIC RUBBER - ABRASION AND OZONE RESISTANT
APPLICATION: COMPRESSED AIR AND GENERAL INDUSTRIAL APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -25°C +80°C (-13°F +176°F)

T-155 AA



COMPRESSED AIR 20 BAR (300 PSI) - HEAVY DUTY

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
155AA019291GF0	LS	19	3/4	29	5.0	540	20	300			20 / 30.5 / 40	20
155AA025351GF0	LS	25	1	35	5.0	680	20	300			20 / 30.5 / 40	20
155AA032441GF0	LS	32	1 1/4	44	6.0	1060	20	300			20 / 30.5 / 40	20
155AA038501GF0	LS	38	1 1/2	50	6.0	1240	20	300			20 / 30.5 / 40	20
155AA051651GF0	LS	51	2	65	7.0	1630	20	300			20 / 30.5 / 40	20
155AA063791GF0	LS	63	2 1/2	79	8.0	2250	20	300			20 / 30.5	20
155AA076921GF0	LS	76	3	92	8.0	2700	20	300			20 / 30.5	20
155AA102181GF0	LS	102	4	118	8.0	3600	20	300			20 / 30.5	20

TUBE: BLACK SBR/NBR BLEND - OIL MIST RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK SBR - ABRASION AND OZONE RESISTANT
APPLICATION: COMPRESSED AIR DESIGNED FOR HEAVY DUTY APPLICATIONS.
SAFETY FACTOR: <= 55mm 3:1 >= 57mm 2.5:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-155 AK



COMPRESSED AIR 20 BAR (300 PSI) - HEAVY DUTY

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
155AK025351GF0	LS	25	1	35	5.0	700	20	300			20 / 30.5 / 40	20
155AK051651GF0	LS	51	2	65	7.0	1660	20	300			20 / 30.5 / 40	20
155AK076921GF0	LS	76	3	92	8.0	2810	20	300			30.5	30.5

TUBE: BLACK SBR/NBR BLEND - OIL MIST RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: YELLOW SBR - ABRASION AND OZONE RESISTANT
APPLICATION: COMPRESSED AIR DESIGNED FOR HEAVY DUTY APPLICATIONS.
SAFETY FACTOR: <= 51mm 3:1 >= 63mm 2.5:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-151 AA



COMPRESSED AIR 20 BAR (300 PSI) - HEAVY DUTY MINING

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
151AA013231FF0	LS	13	1/2	23	5.0	420	20	300			20 / 61	20
151AA019311FF0	LS	19	3/4	31	6.0	680	20	300			20 / 40	20
151AA025371FF0	LS	25	1	37	6.0	700	20	300			20 / 40	20
151AA038521FF0	LS	38	1 1/2	52	7.0	1210	20	300			20 / 40	20
151AA051671FF0	LS	51	2	67	8.0	1800	20	300			20 / 40	20
151AA076931FF0	LS	76	3	93	8.5	3180	20	300			20	20

TUBE: BLACK SBR/NBR BLEND - OIL MIST RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK SBR - ABRASION AND OZONE RESISTANT
APPLICATION: COMPRESSED AIR DESIGNED FOR HEAVY DUTY AND MINING APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-151 AK



COMPRESSED AIR 20 BAR (300 PSI) - HEAVY DUTY MINING

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
151AK013231FF0	LS	13	1/2	23	5.0	430	20	300			20 / 61	20
151AK019311FF0	LS	19	3/4	31	6.0	700	20	300			20 / 40	20
151AK025371FF0	LS	25	1	37	6.0	860	20	300			20 / 40	20
151AK038521FF0	LS	38	1 1/2	52	7.0	1260	20	300			20 / 40	20
151AK051671FF0	LS	51	2	67	8.0	2210	20	300			20 / 40	20

TUBE: BLACK SBR/NBR BLEND - OIL MIST RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: YELLOW SBR - ABRASION AND OZONE RESISTANT
APPLICATION: COMPRESSED AIR DESIGNED FOR HEAVY DUTY AND MINING APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

4.09 | Hot Air

T-132 AE



COMPRESSED AIR - HIGH TEMPERATURE - STEEL REINFORCEMENT

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
132AE051701VO3	LS	51	2	70	9.5	3120	80	1200		255	20	20

TUBE: BLACK CHLOROBUTYL - OIL MIST AND HIGH TEMPERATURE RESISTANT
REINFORCEMENT: HIGH TENSILE STEEL BRAIDS
COVER: BLUE EPDM - ABRASION AND OZONE RESISTANT - PIN PRICKED
APPLICATION: HIGH TEMPERATURE COMPRESSED AIR SPECIFICALLY DESIGNED FOR USE IN THE MINING AND DRILLING INDUSTRY.
SAFETY FACTOR: 4:1
TEMPERATURE: -40°C +150°C (-40°F +300°F) WITH PEAKS OF 232°C (450°F)
NOTE: MAXIMUM OIL MIST 6 PARTS / MILLION. SAE 100R2A COUPLINGS ARE RECOMMENDED

T-902 AE



HOT AIR BLOWER 10 BAR (150 WP PSI) - HARD WALL

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
902AE076909GF0	LS	76	3	90	7.0	2260	10	150	90	228	20	20

TUBE: BLACK EPDM - HEAT RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLUE EPDM - HEAT, ABRASION AND OZONE RESISTANT
APPLICATION: HOT AIR CONVEYANCE IN PNEUMATIC BULK MATERIAL TRANSFER FROM COMPRESSOR TO ROAD TANKER. SPECIAL CONSTRUCTION FOR MAXIMUM FLEXIBILITY.
SAFETY FACTOR: 3:1
TEMPERATURE: -40°C +180°C (-40°F +356°F)

4.10 | Water and Liquids

P-286 EE



LAY FLAT WATER DISCHARGE - PVC - STANDARD DUTY

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
286EE025002EYO	LS	26	1	29	1.5	165	7	100			100	100
286EE032002EYO	LS	33	1 1/4	36	1.5	200	7	100			100	100
286EE038002EYO	LS	41	1 1/2	53	1.3	205	5	75			100	100
286EE051002EYO	LS	53	2	56	1.3	270	4	65			100	100
286EE063002EYO	LS	66	2 1/2	69	1.5	380	4	60			100	100
286EE076002EYO	LS	78	3	81	1.7	530	4	60			100	100
286EE102002EYO	LS	104	4	108	1.8	705	4	60			100	100
286EE152002EYO	LS	155	6	159	2.0	1175	3	45			100	100
286EE203002EYO	LS	207	8	212	2.2	1785	3	45			100	100
286EE300002EYO	LS	308	12	313	2.6	2910	2	30			100	100

TUBE: BLUE PLASTICIZED PVC
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLUE PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
APPLICATION: LAY FLAT WATER DISCHARGE FOR GENERAL INDUSTRIAL APPLICATION.
SAFETY FACTOR: 3:1
TEMPERATURE: -10°C +60°C (+14°F +140°F)

P-288 HH



LAY FLAT WATER DISCHARGE - PVC - HEAVY DUTY

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
288HH038002EZO	LS	40	1 1/2	44	1.9	290	10	150			67 / 100	67 / 100
288HH051002EZO	LS	53	2	57	2.1	420	10	150			100	100
288HH063002EZO	LS	66	2 1/2	70	2.2	540	10	150			100	100
288HH076002EZO	LS	79	3	83	2.3	660	9	130			100	100
288HH102002EZO	LS	104	4	109	2.6	1000	9	130			100	100
288HH152002EZO	LS	155	6	161	3.0	1680	7	100			100	100
288HH203002EZO	LS	207	8	213	3.0	2200	5	75			100	100

TUBE: RED PLASTICIZED PVC
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: RED PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
APPLICATION: LAY FLAT WATER DISCHARGE DESIGNED FOR LONG LASTING SERVICE IN HEAVY DUTY APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -10°C +60°C (+14°F +140°F)

S-266 BL



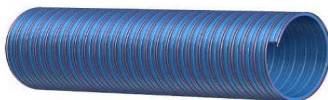
*Non-concurrent

WATER SUCTION & DELIVERY - PVC - STANDARD DUTY

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
266BL025000000	LS	25	1			290	7	100	60	113	20	20
266BL032000000	LS	32	1 1/4			390	6	90	60	144	20	20
266BL038000000	LS	38	1 1/2			510	5	75	60	171	20	20
266BL051000000	LS	51	2			760	5	75	60	230	20	20

TUBE: GREY PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
REINFORCEMENT: WHITE SHOCK RESISTANT RIGID PVC
APPLICATION: LIQUID SUCTION AND DELIVERY.
SAFETY FACTOR: 3:1
TEMPERATURE: -5°C +60°C (+23°F +140°F)

S-265 TH



WATER AND SLURRY SUCTION & DELIVERY - PVC - STANDARD DUTY - SUPER ELASTIC

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
265TH051002S30	LS	51	2			850	5	75	90	204	50	50
265TH076002S30	LS	76	3			1500	4	60	90	304	50	50
265TH102002S30	LS	102	4			2200	3	45	90	408	30	30
265TH127002S30	LS	127	5			3200	3	45	90	508	20	20
265TH152002S30	LS	152	6			4100	2	30	90	608	20	20

TUBE: LIGHT BLUE PLASTICIZED PVC WITH A HELICOIDAL RED STRIPE - ABRASION AND OZONE RESISTANT
REINFORCEMENT: WHITE SHOCK RESISTANT RIGID PVC
APPLICATION: LIQUID SUCTION AND DELIVERY IN IRRIGATION, SLUDGE TANKERS, DEWATERING AND GENERAL INDUSTRIAL APPLICATIONS. LIGHT WEIGHT CONSTRUCTION. GOOD FLEXIBILITY AT LOW TEMPERATURE.
SAFETY FACTOR: 3:1
TEMPERATURE: -20°C +60°C (-4°F +140°F)

4.11 | Water and Liquids

S-267 BE



WATER SUCTION & DELIVERY - PVC - MEDIUM DUTY - SUPER ELASTIC

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
267BE032002S50	NS	32	1 1/4			600	7	100	90	128	50	50
267BE038002S50	LS	38	1 1/2			700	7	100	90	152	20 / 50	50
267BE051002S50	LS	51	2			1000	5	75	90	204	20 / 50	50
267BE063002S50	NS	63	2 1/2			1340	5	75	90	252	50	50
267BE076002S50	LS	76	3			1750	5	75	90	304	20 / 50	50
267BE102002S50	LS	102	4			2700	4	60	90	408	20 / 50	30

TUBE: GREY PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
REINFORCEMENT: BLUE SHOCK RESISTANT RIGID PVC
APPLICATION: HEAVY DUTY LIQUID SUCTION IN SLUDGE TANKERS, DEWATERING AND GENERAL INDUSTRIAL APPLICATIONS. GOOD LOW TEMPERATURE FLEXIBILITY AND RESISTANCE TO AGRICULTURAL CHEMICALS - SEE CHEMICAL RESISTANCE CHART.
SAFETY FACTOR: 3:1
TEMPERATURE: -20°C +60°C (-4°F +140°F)

S-268 BL



WATER SUCTION & DELIVERY - PVC - HEAVY DUTY

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
268BL025002QH0	LS	25	1			520	7	100	90	150	50	50
268BL032002QH0	LS	32	1 1/4			650	6	90	90	192	50	50
268BL038002QH0	LS	38	1 1/2			760	6	90	90	228	20 / 50	20
268BL051002QH0	LS	51	2			1100	5	75	90	306	20 / 50	20
268BL063002QH0	LS	63	2 1/2			1550	4	60	90	378	20 / 50	20
268BL076002QH0	LS	76	3			1900	4	60	90	456	20 / 50	20
268BL102002QH0	LS	102	4			3200	3	45	90	612	20 / 30	20
268BL127002QH0	LS	127	5			4200	3	45	90	762	20	20
268BL152002QH0	LS	152	6			6000	2	30	90	912	20	20

TUBE: GREY PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
REINFORCEMENT: WHITE SHOCK RESISTANT RIGID PVC
APPLICATION: HEAVY DUTY LIQUID SUCTION IN IRRIGATION, DEWATERING, ABRASIVE SLURRIES AND GENERAL INDUSTRIAL APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -5°C +60°C (+23°F +140°F)

S-466 KL



WATER SUCTION & DELIVERY - PVC - STANDARD DUTY - CEE 90/128 A+B+C AS 2070

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
466KL025004M50	LS	25	1			290	7	100	70	113	20 / 50	20
466KL032004M50	LS	32	1 1/4			390	6	90	70	144	20 / 50	20
466KL038004M50	LS	38	1 1/2			510	5	75	70	171	20 / 50	20
466KL045004M50	LS	45	1 3/4			670	5	75	70	203	20 / 50	20
466KL051004M50	LS	51	2			760	5	75	70	230	20 / 50	20
466KL063004M50	LS	63	2 1/2			970	5	75	70	284	20 / 50	20
466KL076004M50	LS	76	3			1330	5	75	70	342	20 / 50	20

TUBE: YELLOW TRANSPARENT PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
REINFORCEMENT: WHITE SHOCK RESISTANT RIGID PVC
APPLICATION: LIQUID SUCTION AND DELIVERY. ALSO SUITABLE FOR FOOD AND ALCOHOLIC BEVERAGES (UP TO 28% PROOF)
SAFETY FACTOR: 3:1
TEMPERATURE: -5°C +60°C (+23°F +140°F)
NOTE: INANESCO N°4396 AND 4404 OF 14.09.99 APPROVED

4.12 | Water and Liquids

T-253 AA



WATER DISCHARGE 10 BAR (150 PSI)

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
253AA0324020J0	NS	32	1 1/4	40	4.0	460	10	150			30.5	
253AA0384620J0	NS	38	1 1/2	46	4.0	540	10	150			30.5	
253AA0455320J0	LS	45	1 3/4	53	4.0	660	10	150			40	20 / 40
253AA0515920J0	NS	51	2	59	4.0	740	10	150			30.5 / 40	
253AA0637120J0	NS	63	2 1/2	71	4.0	900	10	150			30.5	
253AA0768420J0	NS	76	3	84	4.0	1290	10	150			30.5 / 61	
253AA0909820J0	LS	90	3 1/2	98	4.0	1490	10	150			30.5 / 61	30.5
253AA1021020J0	NS	102	4	110	4.0	1780	10	150			30.5	
253AA1273720J0	LS	127	5	137	5.0	2410	10	150			30.5 / 61	30.5
253AA1526220J0	LS	152	6	162	5.0	2980	10	150			30.5	30.5
253AA2031520J0	LS	203	8	215	6.0	4300	10	150			30.5	30.5

TUBE: BLACK SYNTHETIC ELASTOMER
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK SYNTHETIC ELASTOMER - ABRASION AND OZONE RESISTANT
APPLICATION: WATER DISCHARGE IN IRRIGATION AND GENERAL INDUSTRIAL APPLICATIONS.
SAFETY FACTOR: 3:1 >= 203mm 2:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-254 AA

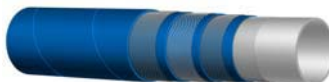


AIR AND WATER DELIVERY 10 BAR (150 PSI)

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
254AA013211EP0	LS	13	1/2	21	4.0	320	10	150			20 / 61	20 / 61
254AA019271EP0	LS	19	3/4	27	4.0	420	10	150			20 / 40	20
254AA025331EP0	LS	25	1	33	4.0	530	10	150			20 / 40	20 / 40
254AA032421EP0	LS	32	1 1/4	42	5.0	820	10	150			20 / 40	20 / 40
254AA038481EP0	LS	38	1 1/2	48	5.0	960	10	150			20 / 30.5 / 40	20 / 40
254AA051611EP0	LS	51	2	61	5.0	1270	10	150			20 / 30.5 / 40	20 / 40
254AA063751EP0	LS	63	2 1/2	75	6.0	1890	10	150			20 / 30.5	20
254AA076881EP0	LS	76	3	88	6.0	2270	10	150			20 / 30.5	20
254AA102141EP0	LS	102	4	114	6.0	3060	10	150			20 / 30.5	20
254AA115271EP0	LS	115	4 1/2	127	6.0	3400	10	150			20	20

TUBE: BLACK SBR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK SBR - ABRASION AND OZONE RESISTANT
APPLICATION: AIR & WATER DELIVERY IN GENERAL INDUSTRIAL APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-249 LE



AIR AND WATER DELIVERY 10 BAR (150 PSI) - NON-CONDUCTIVE

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
249LE019312ZA0	LS	19	3/4	31	6.0	620	10	150			61	61
249LE025412ZA0	LS	25	1	41	8.0	1080	10	150			61	61
249LE032482ZA0	LS	32	1 1/4	48	8.0	1310	10	150			61	61
249LE038542ZA0	LS	38	1 1/2	54	8.0	1310	10	150			61	61
249LE051672ZA0	LS	51	2	67	8.0	1950	10	150			61	61

TUBE: WHITE EPDM
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLUE EPDM - HEAT, ABRASION AND OZONE RESISTANT
APPLICATION: NON-CONDUCTIVE AIR AND WATER TRANSFER IN FOUNDRY APPLICATIONS
SAFETY FACTOR: 4:1
TEMPERATURE: -40°C +150°C (-40°F +300°F)

4.13 | Water and Liquids

T-2A1 AH



FIRE REEL 55 BAR (825 PSI)

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
2A1AH025382R20	LS	25	1	38	6.5	870	55	825			61	61

TUBE: BLACK SYNTHETIC RUBBER
REINFORCEMENT: BRAIDED HIGH TENSILE TEXTILE CORDS
COVER: RED SYNTHETIC RUBBER - ABRASION AND OZONE RESISTANT
APPLICATION: HOSE REELS FOR FIRE FIGHTING VEHICLES.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-203 AA



WATER SUCTION & DELIVERY 10 BAR (150 PSI)

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
203AA025352OE0	LS	25	1	35	5.0	800	10	150	100	100	20 / 30.5 / 40	20 / 40
203AA032422OE0	LS	32	1 1/4	42	5.0	960	10	150	100	128	20 / 30.5 / 40	20 / 40
203AA038482OE0	LS	38	1 1/2	48	5.0	1110	10	150	100	152	20 / 30.5 / 40	20 / 40
203AA051612OE0	LS	51	2	61	5.0	1440	10	150	100	204	20 / 30.5 / 40	20 / 40
203AA063752OE0	LS	63	2 1/2	75	6.0	1920	10	150	90	252	20 / 30.5	20
203AA076882OE0	LS	76	3	88	6.0	2290	10	150	90	304	20 / 30.5	20 / 30.5
203AA102142OE0	LS	102	4	114	6.0	3170	10	150	90	408	20 / 30.5	20 / 30.5
203AA152662OE0	LS	152	6	166	7.0	6200	10	150	80	760	6.1 / 20	6.1 / 20
203AA203212OE0	LS	203	8	221	9.0	9690	10	150	70	1015	6.1 / 10 / 15.25	6.1 / 10

TUBE: BLACK SYNTHETIC ELASTOMER
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK SYNTHETIC ELASTOMER - ABRASION AND OZONE RESISTANT
APPLICATION: WATER SUCTION AND DELIVERY IN IRRIGATION AND GENERAL INDUSTRIAL APPLICATIONS
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-220 AA



WATER AND SLURRY S & D - CORRUGATED - SOFT ENDS

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
220AA076000000	LS	76	3				5	75	100	190	5.8	5.8
220AA102000000	LS	102	4				5	75	100	255	5.8	5.8
220AA152000000	LS	152	6				3	45	100	380	2.9 / 5.8	2.9 / 5.8
220AA203000000	LS	203	8				3	45	100	508	2.9 / 5.8	2.9 / 5.8

TUBE: BLACK SYNTHETIC ELASTOMER
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK SYNTHETIC ELASTOMER - ABRASION AND OZONE RESISTANT
APPLICATION: WATER AND SLURRY SUCTION AND DELIVERY. SPECIALLY DESIGNED FOR SLUDGE TANKERS. FLEXIBLE AND LIGHT WEIGHT CONSTRUCTION.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

4.14 | Agriculture

P-591 AE



CROP SPRAYING 40 BAR (600 PSI) - PVC

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
591AE008145J10	NS	8	5/16	14	3.0	135	75	750		64	25 / 100	
591AE010165J10	LS	10	3/8	16	3.0	160	75	750		80	25 / 100	100
591AA0132055HC	LS	13	1/2	20	3.5	225	40	600		104	25 / 100	20 / 130
591AE0132055HC	NS	13	1/2	20	3.5	225	40	600		104	25 / 100	
591AE0192755HC	NS	19	3/4	27	4.0	365	40	600		152	50	

TUBE: BLACK PLASTICIZED PVC
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: AA = BLACK AE = BLUE - PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
APPLICATION: CROP SPRAYING OF FERTILIZERS, PESTICIDES AND WEED-KILLERS.
SAFETY FACTOR: <= 10mm 2.5:1 >= 13mm 3:1
TEMPERATURE: -5°C +60°C (+23°F +140°F)

S-266 OA



AIR SEEDER - PVC

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
266OA025000000	LS	25	1			290	7	100	70	113	20	20
266OA032000000	LS	32	1 1/4			390	6	90	70	144	20	20
266OA038000000	LS	38	1 1/2			510	5	75	70	171	20	20
266OA045000000	LS	45	1 3/4			670	5	75	70	203	20	20
266OA051000000	LS	51	2			760	5	75	70	230	20	20
266OA063000000	LS	63	2 1/2			970	5	75	70	284	20	20
266OA076000000	LS	76	3			1330	5	75	70	342	20	20

TUBE: TRANSPARENT PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
REINFORCEMENT: BLACK SHOCK RESISTANT RIGID PVC
APPLICATION: AGRICULTURAL SEED TRANSFER ON "AIR-FLO" SEEDING EQUIPMENT.
SAFETY FACTOR: 3:1
TEMPERATURE: -5°C +60°C (+23°F +140°F)

T-702 AA



AIR SEEDER

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
702AA032427AF0	LS	32	1 1/4	42	6.0	870	10	150			20	20
702AA038487AF0	LS	38	1 1/2	48	6.0	1000	10	150			20	20
702AA045557AF0	LS	45	1 3/4	55	6.0	1160	10	150			20	20
702AA051617AF0	LS	51	2	61	6.0	1300	10	150			20	20
702AA063757AF0	LS	63	2 1/2	75	6.0	2020	10	150			20	20
702AA076887AF0	LS	76	3	88	6.0	2410	10	150			20	20

TUBE: BLACK CONDUCTIVE NR - ABRASION RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK NBR/PVC BLEND - OIL, HEAT, ABRASION AND OZONE RESISTANT
APPLICATION: AGRICULTURAL SEED TRANSFER ON "AIR-FLO" SEEDING EQUIPMENT.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

4.15 | Hot Water and Steam

T-351 LL



HOT WATER WASH DOWN 10 BAR (150 PSI) - BUILT IN NOZZLE

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
351LL019310006	LS	19	3/4	31	6.0	640	10	150			15.25	15.25
351LL025370006	LS	25	1	37	6.0	780	10	150			15.25	15.25

TUBE: WHITE EPDM
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: WHITE EPDM - HEAT, ABRASION AND OZONE RESISTANT
APPLICATION: SPECIALLY DESIGNED FOR WASH DOWN USE IN THE FOOD AND DAIRY INDUSTRIES
SAFETY FACTOR: ACCORDING TO BS 5122/A TYPE 2
TEMPERATURE: -40°C +120°C (-40°F +248°F)
NOTE: ONLY SOLD AS COMPLETE 15.25 METRE LENGTHS

T-352 AA



RADIATOR 5 BAR (75 PSI) - EXCEEDS DIN 73411

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
352AA020283WDO	LS	20	3/4	28	4.0	390	5	75			1 / 61	1
352AA022303WDO	LS	22	7/8	30	4.0	420	5	75			1 / 61	1
352AA025333WDO	LS	25	1	33	4.0	470	5	75			1 / 61	1
352AA028363WDO	LS	28	1 1/8	36	4.0	520	5	75			1 / 61	1
352AA032403WDO	LS	32	1 1/4	40	4.0	580	5	75			1 / 61	1
352AA035433WDO	LS	35	1 3/8	43	4.0	620	5	75			1 / 61	1
352AA038483WDO	LS	38	1 1/2	48	5.0	860	5	75			1 / 61	1
352AA040503WDO	LS	40	1 9/16	50	5.0	890	5	75			1 / 61	1
352AA042523WDO	NS	42	1 5/8	52	5.0	930	5	75			1 / 61	
352AA045553WDO	LS	45	1 3/4	55	5.0	990	5	75			1 / 61	1
352AA048583WDO	LS	48	1 7/8	58	5.0	1050	5	75			1 / 61	1
352AA051613WDO	LS	51	2	61	5.0	1120	5	75			1 / 61	1
352AA055653WDO	LS	55	2 3/16	65	5.0	1190	5	75			1	1
352AA057673WDO	LS	57	2 1/4	67	5.0	1230	5	75			1	1
352AA060703WDO	LS	60	2 3/8	70	5.0	1290	5	75			1 / 61	1
352AA063733WDO	LS	63	2 1/2	73	5.0	1350	5	75			1	1
352AA070803WDO	LS	70	2 3/4	80	5.0	1450	5	75			1	1
352AA076863WDO	LS	76	3	86	5.0	1560	5	75			1	1
352AA080903WDO	NS	80	3 1/8	90	6.0	1650	5	75			1	
352AA090023WDO	NS	90	3 1/2	102	6.0	2020	5	75			1	
352AA102143WDO	NS	102	4	114	6.0	2270	5	75			1	

TUBE: BLACK EPDM
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK EPDM - HEAT, ABRASION AND OZONE RESISTANT
APPLICATION: RADIATOR HOSE.
SAFETY FACTOR: 3:1
TEMPERATURE: -40°C +120°C (-40°F +248°F)

T-350 AA



STEAM 7 BAR (100 PSI) / HOT WATER 15 BAR (225 PSI) - EXCEEDS BS 5122/A TYPE 2

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
350AA013233NDO	LS	13	1/2	23	5.0	370	7	100			20 / 61	20
350AA019313NDO	LS	19	3/4	31	6.0	610	7	100			20 / 40	20
350AA025373NDO	LS	25	1	37	6.0	760	7	100			20 / 40	20
350AA032463NDO	LS	32	1 1/4	46	7.0	950	7	100			20 / 40	20
350AA038523NDO	LS	38	1 1/2	52	7.0	1110	7	100			20 / 40	20
350AA051673NDO	LS	51	2	67	8.0	1700	7	100			20 / 40	20

TUBE: BLACK EPDM
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK EPDM - HEAT, ABRASION AND OZONE RESISTANT
APPLICATION: SATURATED STEAM AND HOT WATER DELIVERY IN GENERAL INDUSTRIAL APPLICATIONS.
SAFETY FACTOR: ACCORDING TO BS 5122/A TYPE 2
TEMPERATURE: -40°C +165°C (-40°F +330°F)

4.16 | Hot Water and Steam

T-350 LL



STEAM 7 BAR (100 PSI) / HOT WATER 15 BAR (225 PSI) - EXCEEDS BS 5122/A TYPE 2 FDA

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
350LL013233Y90	LS	13	1/2	23	5.0	390	7	100			20 / 61	20 / 61
350LL019313Y90	LS	19	3/4	31	6.0	640	7	100			20 / 61	20 / 61
350LL025373Y90	LS	25	1	37	6.0	790	7	100			20 / 61	20 / 61

TUBE: WHITE EPDM
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: WHITE EPDM - HEAT, ABRASION AND OZONE RESISTANT
APPLICATION: LIQUID FOOD, SATURATED STEAM AND HOT WATER DELIVERY IN GENERAL INDUSTRIAL APPLICATIONS. SPECIALLY DESIGNED FOR WASH DOWN USE IN THE FOOD AND DAIRY INDUSTRIES.
SAFETY FACTOR: ACCORDING TO BS 5122/A TYPE 2
TEMPERATURE: -40°C +165°C (-40°F +330°F)

T-330 AH



SATURATED STEAM 17 BAR (250 PSI) - NFT 47263 CAT I TYPE 3 BS 5342/2 CLASS A DIN 2825

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
330AH013253YA3	LS	13	1/2	25	6.0	580	17	250		130	15.25 / 30.5 / 61	61
330AH019323YA3	LS	19	3/4	32	6.5	750	17	250		190	15.25 / 30.5 / 61	30.5 / 61
330AH025383YA3	LS	25	1	38	6.5	940	17	250		250	15.25 / 30.5 / 61	61
330AH032463YA3	LS	32	1 1/4	46	7.0	1390	17	250		320	61	61
330AH038523YA3	LS	38	1 1/2	52	7.0	1610	17	250		380	61	61
330AH051673YA3	LS	51	2	67	8.0	2240	17	250		510	61	61

TUBE: BLACK EPDM
REINFORCEMENT: HIGH TENSILE STEEL CORDS
COVER: RED EPDM - HEAT, ABRASION AND OZONE RESISTANT - PIN PRICKED
APPLICATION: SATURATED STEAM FOR USE IN REFINERIES, SHIPYARDS, CHEMICAL PLANTS AND ALL INDUSTRIAL APPLICATIONS.
SAFETY FACTOR: 10:1
TEMPERATURE: -40°C +208°C (-40°F +406°F)

T-331 AH



SATURATED AND SUPERHEATED STEAM 17 BAR (250 PSI) - NFT 47263 CAT I TYPE 3 BS 5342/2 CLASS A

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
331AH013253X13	LS	13	1/2	25	6.0	580	17	250		130	15.25 / 30.5 / 61	30.5
331AH019323X13	LS	19	3/4	32	6.5	750	17	250		190	15.25 / 30.5 / 61	30.5
331AH025383X13	LS	25	1	38	6.5	940	17	250		250	15.25 / 30.5 / 61	30.5

TUBE: BLACK CHLOROBUTYL
REINFORCEMENT: HIGH TENSILE STEEL CORDS
COVER: RED EPDM - HEAT, ABRASION AND OZONE RESISTANT - PIN PRICKED
APPLICATION: SATURATED AND SUPERHEATED STEAM FOR USE IN REFINERIES, SHIPYARDS, CHEMICAL PLANTS AND ALL INDUSTRIAL APPLICATIONS.
SAFETY FACTOR: 10:1
TEMPERATURE: -40°C +220°C (-40°F +430°F) INTERMITTENT TO 232°C (450°F)

T-957 LL



FURNACE DOOR COOLANT 10 BAR (150 PSI) - FIBREGLASS COVER

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
957LL019330000	NS	19	3/4	33	7.0	700	10	150			30.5	
957LL025390000	NS	25	1	39	7.0	860	10	150			30.5	
957LL032480000	NS	32	1 1/4	48	8.0	1250	10	150			30.5	
957LL038540000	NS	38	1 1/2	54	8.0	1460	10	150			30.5	
957LL051670000	NS	51	2	67	8.0	1870	10	150			30.5	
957LL063810000	NS	63	2 1/2	81	9.0	2290	10	150			30.5	

TUBE: WHITE NON-CONDUCTIVE EPDM
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: HEAT RESISTANT WHITE EPDM, NON CONDUCTIVE - RESIN COATED DUST FREE FIBREGLASS COVER
APPLICATION: FURNACE DOOR COOLANT HOSE, RESISTANT TO SPLASHES OF HOT MOLTEN METALS, GLASS AND OPEN FLAME.
SAFETY FACTOR: 4:1
TEMPERATURE: COVER RESISTANT UP TO 540°C (1000°F)

4.17 | Liquid and Bulk Food

P-490 OO



GENERAL PURPOSE PVC TUBING - PVC - AS 2070

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
490O003000000	LS	3	1/8	5	1.0		7	100		30 / 200	30	30
490O0005000000	LS	5	3/16	8	1.5		7	100		30 / 100	30	30
490O0006000000	LS	6	1/4	9	1.5		6	90		30 / 100	30	30
490O0008000000	LS	8	5/16	11	1.5		5	75		30 / 100	30	30
490O0010000000	LS	10	3/8	13	1.5		4	60		30 / 75	30	30
490O0013000000	LS	13	1/2	16	1.8		4	60		30 / 50	30	30
490O0016000000	LS	16	5/8	20	2.0		4	60		30	30	30
490O0019000000	LS	20	3/4	25	2.6		3	45		30	30	30
490O0025000000	LS	25	1	31	3.0		3	45		30	30	30

TUBE: TRANSPARENT NON-TOXIC PVC
REINFORCEMENT: UNREINFORCED
APPLICATION: GENERAL PURPOSE TUBING FOR FOOD, CHEICALS AND PETROLEUM BASED PRODUCTS - SEE PVC CHEMICAL RESISTANCE CHART.
TEMPERATURE: -5°C +60°C (+23°F +140°F)

P-491 OO



GENERAL PURPOSE FOOD QUALITY - PVC - FDA CEE 90/128-A AS 2070

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
491O0006114JY0	LS	6	1/4	11	2.5	85	15	225			50 / 100	25 / 100
491O0008134JY0	LS	8	1/3	13	2.5	95	15	225			50 / 100	25 / 100
491O0010154JY0	NS	10	3/8	15	2.5	115	15	225			50 / 100	
491O0010164JYZ	LS	10	3/8	16	3.0	135	15	225			50 / 100	25 / 100
491O0013194JYZ	LS	13	1/2	19	3.0	170	10	150			50 / 100	25 / 100
491O0016224JYZ	LS	16	5/8	22	3.0	220	10	150			50	50
491O0019264JYZ	LS	19	3/4	26	3.5	300	10	150			50 / 100	25 / 50 / 100
491O0025334JY0	LS	25	1	33	4.0	415	10	150			50 / 100	25 / 50 / 100
491O0032424JY0	LS	32	1 1/4	42	5.0	695	7	100			50	50
491O0038484JY0	LS	38	1 1/2	48	5.0	825	7	100			50	50
491O0051634JY0	LS	51	2	63	6.0	1320	6	90			50	50

TUBE: TRANSPARENT NON-TOXIC PLASTICIZED PVC
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: NON-TOXIC TRANSPARENT PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
APPLICATION: GENERAL PURPOSE FOOD QUALITY. ALSO SUITABLE FOR COMPRESSED AIR, CHEMICALS AND PETROLEUM BASED PRODUCTS - SEE PVC CHEMICAL RESISTANCE CHART.
SAFETY FACTOR: 3:1
TEMPERATURE: -5°C +60°C (+23°F +140°F)
NOTE: INANESCO N°4401 AND 4409 OF 14.09.99 APPROVED

S-468 OH



LIQUID FOOD SUCTION & DELIVERY - PVC - HEAVY DUTY - CEE 90/128 A+B+C AS 2070

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
468OH025004M60	LS	25	1			400	7	100	90	125	20 / 50	20
468OH032004M60	LS	32	1 1/4			520	7	100	90	160	20 / 50	50
468OH038004M60	LS	38	1 1/2			730	7	100	90	190	20 / 50	20
468OH051004M60	LS	51	2			1000	7	100	90	255	20 / 50	20
468OH063004M60	LS	63	2 1/2			1500	6	90	90	315	50	20
468OH076004M60	LS	76	3			1900	5	75	90	380	20 / 50	20
468OH102004M60	LS	102	4			3300				510	20	20

TUBE: TRANSPARENT PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
REINFORCEMENT: RED SHOCK RESISTANT RIGID PVC
APPLICATION: LIQUID FOOD AND ALCOHOLIC BEVERAGES (UP TO 28% PROOF) SUCTION AND DELIVERY.
SAFETY FACTOR: 3:1
TEMPERATURE: -5°C +60°C (+23°F +140°F)
NOTE: INANESCO N°4397 AND 4405 OF 14.09.99 APPROVED

4.18 | Liquid and Bulk Food

S-470 OO



GENERAL PURPOSE FOOD QUALITY - PVC - STEEL HELIX WIRE - STANDARD CONSTRUCTION - FDA CEE90/128 A

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
47000010164LK0	LS	10	3/8	16	3.0	170	15	225	90	40	60	60
47000013194LK0	LS	13	1/2	19	3.0	205	7	100	85	52	60	60
47000016224LK0	LS	16	5/8	22	3.0	250	6	90	85	64	60	60
47000020284LK0	LS	20	3/4	28	4.0	340	5	75	85	80	60	60
47000025334LK0	LS	25	1	33	4.0	530	5	75	85	100	60	60
47000032404LK0	LS	32	1 1/4	40	4.0	655	4	60	85	128	60	60
47000038484LK0	LS	38	1 1/2	48	5.0	855	4	60	85	152	30	30
47000051614LK0	LS	51	2	61	5.0	1230	3	45	80	204	30	30
47000063754LK0	LS	63	2 1/2	75	6.0	1775	2	30	80	252	30	30
47000076904LK0	LS	76	3	90	7.0	2450	2	30	70	304	30	30
47000102164LK0	LS	102	4	116	7.0	3480	2	30	70	408	30	30
47000152724QL0	LS	152	6	172	10.0	7300	2	30	70	608	20	20

TUBE: TRANSPARENT PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
REINFORCEMENT: STEEL HELIX WIRE
APPLICATION: GENERAL PURPOSE LIQUID FOOD AND CHEMICALS SUCTION AND DELIVERY - SEE CHEMICAL RESISTANCE CHART
SAFETY FACTOR: 3:1
TEMPERATURE: -5°C +60°C (+23°F +140°F)
NOTE: INANESCO N° 4399 AND 4407 OF 14.09.99 APPROVED

T-452 LH



LIQUID FOOD DELIVERY 10 BAR (150 PSI) - FDA ARRETE DU 09/11/94 A

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
452LH019314SC0	LS	19	3/4	31	6.0	610	10	150			30.5	61
452LH025374SC0	LS	25	1	37	6.0	760	10	150			20 / 30.5	20
452LH032444SC0	NS	32	1 1/4	44	6.0	920	10	150			20 / 30.5	
452LH038504SC0	LS	38	1 1/2	50	6.0	1070	10	150			20 / 30.5	31
452LH051654SC0	LS	51	2	65	7.0	1680	10	150			20 / 30.5	20
452LH076924SC0	LS	76	3	92	8.0	2800	10	150			20	20
452LH102184SC0	NS	102	4	118	8.0	3740	10	150			20	
452LH051714SC0	LS	51	2	71	10.0	2500	10	150			20	20
452LH076004SC0	NS	76	3	100	12.0	4330	10	150			20	

TUBE: WHITE NR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: RED SBR/EPDM BLEND - ABRASION AND OZONE RESISTANT.
APPLICATION: LIQUID FOOD AND ALCOHOLIC BEVERAGES DELIVERY. STERILIZATION WITH WATER AND MAX 5% SODA.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)
NOTE: INANESCO N° 220-1 OF 21/09/01 APPROVED

T-402 LE



LIQUID FOOD SUCTION & DELIVERY 10 BAR (150 PSI) - MILK TANKER - FDA ARRETE DU 09/11/94 A

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
402LE051634VJ0	NS	51	2	63	6.0	1570	10	150	100	153	20	
402LE063754VJ0	LS	63	2 1/2	75	6.0	2070	10	150	90	189	20	20

TUBE: WHITE NR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLUE SBR/EPDM BLEND - ABRASION AND OZONE RESISTANT
APPLICATION: LIQUID FOOD SUCTION AND DELIVERY. SPECIALLY DESIGNED FOR MILK TANKERS. SPECIAL CONSTRUCTION FOR MAXIMUM FLEXIBILITY. STERILIZATION WITH WATER AND MAX 5% SODA.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)
NOTE: INANESCO N° 3889-1 OF 30/01/02 APPROVED

T-402 LH



LIQUID FOOD SUCTION & DELIVERY 10 BAR (150 PSI) - FDA ARRETE DU 09/11/94 A

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
402LH025374SA0	LS	25	1	37	6.0	900	10	150	100	75	20 / 30.5	20
402LH038504SA0	LS	38	1 1/2	50	6.0	1220	10	150	100	114	20 / 30.5	20
402LH051634SA0	LS	51	2	63	6.0	1580	10	150	100	153	20 / 30.5	20 / 30.5
402LH076884SA0	LS	76	3	88	6.0	2480	10	150	90	228	20	20
402LH102164SA0	LS	102	4	116	7.0	3400	10	150	90	306	20	20

TUBE: WHITE NR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: RED SBR/EPDM BLEND - ABRASION AND OZONE RESISTANT
APPLICATION: LIQUID FOOD AND ALCOHOLIC BEVERAGES SUCTION AND DELIVERY. SPECIAL CONSTRUCTION FOR MAXIMUM FLEXIBILITY. STERILIZATION WITH WATER AND MAX 5% SODA.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)
NOTE: IANESCO N° 220-1 OF 21/09/01 APPROVED

T-405 LE



FAT FOOD SUCTION & DELIVERY 10 BAR (150 PSI) - FDA

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
405LE038504SBO	NS	38	1 1/2	50	6.0	1230	10	150	100	114	30.5	
405LE051634SBO	NS	51	2	63	6.0	1590	10	150	100	153	30.5	
405LE063754SBO	NS	63	2 1/2	75	6.0	2100	10	150	90	189	30.5	
405LE076884SBO	NS	76	3	88	6.0	2500	10	150	90	228	30.5	

TUBE: WHITE NBR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLUE NBR/PVC BLEND - ABRASION, OZONE AND OIL RESISTANT
APPLICATION: ALCOHOLIC BEVERAGES, LIQUID, FAT AND OILY FOODS SUCTION AND DELIVERY. SPECIAL CONSTRUCTION FOR MAXIMUM FLEXIBILITY. STERILIZATION WITH STEAM AT 2.5 BAR 130°C (266°F) MAX 30 MINUTES OR WITH WATER AND MAX 5% SODA.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-408 LL



LIQUID FOOD SUCTION & DELIVERY 16 BAR (240 PSI) - CRUSH RESISTANT - FDA ARRETE DU 09/11/94 D.M. 21/03/74

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
408LL025374VF0	NS	25	1	37	6.0	870	16	240	100	125	30.5	
408LL038524VF0	NS	38	1 1/2	52	7.0	1470	16	240	100	190	20 / 30.5	
408LL051674VF0	NS	51	2	67	8.0	2220	16	240	100	255	20 / 30.5	
408LL063794VF0	NS	63	2 1/2	79	8.0	2750	16	240	100	315	30.5	
408LL076944VF0	NS	76	3	94	9.0	3350	16	240	100	380	20 / 30.5	
408LL102224VF0	NS	102	4	122	10.0	5070	16	240	80	510	30.5	

TUBE: WHITE CHLOROBUTYL
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED NYLON HELIX
COVER: WHITE EDPM - ABRASION, OZONE RESISTANT
APPLICATION: LIQUID FOOD AND ALCOHOLIC BEVERAGES (UP TO 95% PROOF) SUCTION AND DELIVERY. SPECIAL CRUSH RESISTANT CONSTRUCTION. STERILIZATION WITH STEAM AT 2.5 BAR 130°C (266°F) MAX 30 MINUTES OR WITH WATER AND MAX 5% SODA.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)
NOTE: IANESCO N° 220-1 OF 21/09/01 APPROVED

T-760 LA



BULK FOOD DELIVERY 5 BAR (75 PSI) - FDA

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
760LA102187RMO	LS	102	4	118	8.0	2630	5	75			20 / 30.5	20

TUBE: WHITE NR - ABRASION RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS - ANTISTATIC WIRE
COVER: BLACK CONDUCTIVE SBR/NR BLEND - ABRASION AND OZONE RESISTANT
APPLICATION: BULK FOOD AND MATERIALS DELIVERY. SPECIALLY DESIGNED FOR GRAINS, FLOURS AND PLASTIC PELLETS TRANSFER.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

S-967 OL



FISH HANDLING - SUPER ELASTIC - PVC - CEE 90/128 A+B+C

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
967OL152009STO	NS	152	6			560	3	30	95	380	10	
967OL203009STO	NS	203	8			920	3	30	95	609	10	
967OL254009STO	NS	254	10			1450	3	30	95	1016	10	
967OL305009STO	NS	305	12			1900	1	15	95	1525	10	

TUBE: TRANSPARENT PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
REINFORCEMENT: WHITE SHOCK RESISTANT RIGID PVC
APPLICATION: FISH TRANSFER IN FISH FARMS AND FISHING VESSELS
SAFETY FACTOR: 3:1
TEMPERATURE: -20°C +60°C (-4°F +140°F)

T-949 AA



FISH PUMP

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
949AA30513X9X0	NS	305	12	313	4.0	4990	2	30			61	
949AA355630000	NS	355	14	363	4.0	5800	2	30			61	
949AA35567X9X0	NS	355	14	367	6.0	8240	2	30			61	
949AA40618X9X0	NS	406	16	418	6.0	9860	3	45			61	
949AA45769X9X0	NS	457	18	469	6.0	11080	3	45			61	

TUBE: BLACK NBR - OIL, ABRASION AND SEA-WATER RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE FABRIC
COVER: BLACK CONDUCTIVE NBR/PVC BLEND - OIL, ABRASION, OZONE AND SEA-WATER RESISTANT
APPLICATION: FISH TRANSFER FROM FISHING NET TO SHIP DECK.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

4.21 | Bulk Materials

S-780 AA



BULK MATERIAL - INDUS AR

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
780AA038470000	LS	38	1 1/2	47	4.7	570	2	30	100	80	20	20
780AA051610000	LS	51	2	61	5.4	860	2	30	100	120	20	20
780AA063750000	LS	63	2 1/2	75	5.9	1090	2	30	100	200	20 / 30	20 / 30
780AA076900000	LS	76	3	90	6.8	1390	1	15	100	240	20 / 30	20 / 30
780AA102190000	LS	102	4	119	8.8	2560	1	15	100	320	20 / 30	20 / 30
780AA127460000	LS	127	5	146	9.9	3320	1	15	100	480	20 / 30	20 / 30
780AA152750000	LS	152	6	175	11.3	4890	1	15	100	720	20 / 30	20 / 30

TUBE: SMOOTH BLACK ANTISTATIC SYNTHETIC ELASTOMER
REINFORCEMENT: BLACK SHOCK RESISTANT THERMOPLASTIC
APPLICATION: LOW PRESSURE GRAVITY FEED SHUTES OR VACUUM CONVEYERS IN MANUFACTURING PLANTS & CONSTRUCTION SITES. SUCTION CONVEYANCE OF SLURRY, CEMENT, GRAVEL, IRON, ORE AND GRAINS.
SAFETY FACTOR: 4:1
TEMPERATURE: -15°C +60°C (+5°F +140°F)

T-760 AA



BULK MATERIAL DELIVERY 5 BAR (75 PSI)

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
760AA075937CD0	NS	75	3	93	9.0	2380	5	75			20	
760AA102207CD0	LS	102	4	120	9.0	3190	5	75			20 / 30.5	20

TUBE: BLACK CONDUCTIVE NR - ABRASION RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE SBR/NR BLEND - ABRASION AND OZONE RESISTANT
APPLICATION: BULK MATERIAL DELIVERY. SPECIALLY DESIGNED FOR DRY CEMENT, GRAINS AND ANIMAL FEED TRANSFER.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-720 AA



BULK MATERIAL SUCTION & DELIVERY

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
720AA076907W10	LS	76	3	90	7.0	2260	10	150	90	228	30.5	30.5
720AA102167W10	LS	102	4	116	7.0	3120	10	150	90	306	30.5	30.5
720AA127437W10	LS	127	5	143	8.0	4750	5	75	80	508	30.5	30.5
720AA152687W10	LS	152	6	168	8.0	5900	5	75	80	608	30.5	30.5
720AA203217W10	LS	203	8	221	9.0	9030	5	75	70	812	30.5	30.5

TUBE: BLACK CONDUCTIVE NR - ABRASION RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK CONDUCTIVE SBR/NR BLEND - ABRASION AND OZONE RESISTANT
APPLICATION: BULK MATERIAL SUCTION AND DELIVERY. DESIGNED FOR DRY CEMENT, GRAINS AND ANIMAL FEED TRANSFER. SPECIAL CONSTRUCTION FOR MAXIMUM FLEXIBILITY.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

4.22 | Concrete, Plaster, Guniting and Sandblast

T-753 AA



SANDBLAST - PREMIUM QUALITY 10 BAR (150 PSI)

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
753AA013277SV3	LS	13	1/2	27	7.0	510	10	150			20 / 30.5	20
753AA019337SV3	NS	19	3/4	33	7.0	650	10	150			30.5 / 40	
753AA025407SV3	LS	25	1	40	7.5	800	10	150			30.5 / 40	40
753AA032487SV3	LS	32	1 1/4	48	8.0	1150	10	150			20 / 30.5 / 40	20
753AA038557SV3	LS	38	1 1/2	55	8.5	1510	10	150			30.5 / 40	40
753AA013337SV0	LS	13	1/2	33	10.0	810	10	150			20/30.5	20
753AA019407SV3	LS	19	3/4	40	10.5	1040	10	150			20 / 30.5	20
753AA025487SV3	LS	25	1	48	11.5	1410	10	150			20 / 30.5	20
753AA032557SV3	LS	32	1 1/4	55	11.5	1690	10	150			20 / 30.5	20
753AA038647SV3	LS	38	1 1/2	64	13.0	2330	10	150			20 / 30.5	20
753AA051767SV3	LS	51	2	76	12.5	2680	10	150			20	20

TUBE: BLACK CONDUCTIVE NR - ABRASION RESISTANT APPROX. 50 mm3 (ISO 4649/A)
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE SBR/NR BLEND - ABRASION AND OZONE RESISTANT - PIN PRICKED
APPLICATION: SAND AND SHOTBLAST INSTALLATIONS. DESIGNED FOR EXTREMELY LONG SERVICE LIFE IN HEAVY DUTY APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-737 AA



CONCRETE PUMPING 40 BAR (600 PSI)

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
737AA0516977A0	LS	51	2	69	9.0	1850	40	600			20	20
737AA0760477A0	LS	76	3	104	14.0	4410	40	600			20	20
737AA0901877A0	LS	90	3 1/2	118	14.0	5167	40	600			20	20
737AA1023077A0	LS	102	4	130	14.0	5850	40	600			20	20

TUBE: BLACK CONDUCTIVE NR - ABRASION RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE SBR/NR BLEND - ABRASION AND OZONE RESISTANT
APPLICATION: CONCRETE PUMPING INSTALLATIONS
SAFETY FACTOR: 2.5:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-740 AA



CONCRETE PUMPING 85 BAR (1275 PSI) W.P. - HEAVY DUTY

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
740AA0516977N0	LS	51	2	69	9.0	2160	85	1275		255	15.25 / 20 / 61	20 / 61
740AA0638577N0	LS	63	2 1/2	85	11.0	3380	85	1275		265	20 / 61	20 / 61
740AA0760077N0	LS	76	3	100	12.0	4590	85	1275		380	15.25 / 20 / 30.5	20 / 30.5
740AA0901677N0	LS	90	3 1/2	116	13.0	5930	85	1275		450	20	20
740AA1022877N0	LS	102	4	128	13.0	7510	85	1275		510	15.25 / 20 / 30.5	20 / 30.5
740AA1275577N0	LS	127	5	155	14.0	10940	85	1275		635	15.25 / 20 / 30.5	20

TUBE: BLACK CONDUCTIVE NR - ABRASION RESISTANT
REINFORCEMENT: HIGH TENSILE STEEL CORDS
COVER: BLACK CONDUCTIVE SBR/NR BLEND - ABRASION AND OZONE RESISTANT
APPLICATION: HEAVY DUTY HIGH PRESSURE CONCRETE PLACEMENT AT CASTING SITE.
SAFETY FACTOR: 2:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

4.23 | Concrete, Plaster, Guniting and Sandblast

T-741 AA



CONCRETE PUMPING 85 BAR (1275 PSI) W.P. - EXTRA SERVICE

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
741AA051697N10	NS	51	2	69	9.0	2620	85	1275		255	15.25 / 20	
741AA063857N10	NS	63	2 1/2	85	11.0	3810	85	1275		325	20	
741AA076027N10	LS	76	3	102	13.0	5020	85	1275		380	15.25 / 20	20
741AA090167N10	LS	90	3 1/2	116	13.0	7270	85	1275		450	20	20
741AA102307N10	LS	102	4	130	14.0	8150	85	1275		510	15.25 / 20	20
741AA127577N10	NS	127	5	157	15.0	10850	85	1275		635	15.25 / 20	

TUBE: BLACK CONDUCTIVE NR - ABRASION RESISTANT
REINFORCEMENT: HIGH TENSILE STEEL CORDS
COVER: BLACK CONDUCTIVE SBR/NR BLEND - ABRASION AND OZONE RESISTANT
APPLICATION: HIGH PRESSURE CONCRETE PLACEMENT AT CASTING SITE. DESIGNED FOR LONG LASTING SERVICE IN HEAVY DUTY APPLICATIONS.
SAFETY FACTOR: 2.5:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-756 AA



GUNITING 14 BAR (200 PSI) - FRAS - AS 2660/C

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
756AA038627P10	LS	38	1 1/2	62	12.0	2240	14	200			20	20
756AA051757P10	LS	51	2	75	12.0	2870	14	200			20	20

TUBE: BLACK CONDUCTIVE NR - ABRASION RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK SBR - ABRASION, OZONE AND FIRE RESISTANT
APPLICATION: GUNITING.
SAFETY FACTOR: 4:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

L-975 AH



VERISON MULTIPURPOSE 20 BAR (300 PSI) - NON CONDUCTIVE

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
975AH006160000	LS	6	1/4	16	4.7	240	20	300		38	213	213
975AH010180000	LS	10	3/8	18	4.3	270	20	300		57	213	213
975AH013210000	LS	13	1/2	21	4.3	370	20	300		76	213	213
975AH019290000	LS	19	3/4	29	5.1	620	20	300		114	213	213
975AH025360000	LS	25	1	36	5.4	940	20	300		178	213	213

TUBE: BLACK NBR - HYDROCARBON RESISTANT (RMA Class A)
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: RED NBR/PVC BLEND - ABRASION, OZONE AND HYDROCARBON RESISTANT (RMA Class A)
APPLICATION: COMPRESSED AIR, WATER, FUEL AND OIL DELIVERY IN GENERAL INDUSTRIAL APPLICATIONS.
SAFETY FACTOR: 4:1
TEMPERATURE: -29°C +82°C (-20°F +180°F)

L-976 AH



MAXECON GENERAL PURPOSE 17 BAR (250 PSI) - NON CONDUCTIVE

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
976AH006130000	LS	6	1/4	13	3.2	120	17	250		38	213	213
976AH010180000	LS	10	3/8	18	4.0	250	17	250		57	213	213
976AH013210000	LS	13	1/2	21	4.3	360	17	250		76	213	213
976AH016250000	LS	16	5/8	25	4.8	420	20	300		95	213	213
976AH019290000	LS	19	3/4	29	5.1	540	17	250		114	213	213
976AH025360000	LS	25	1	36	5.4	730	17	250		178	213	213

TUBE: BLACK NON-CONDUCTIVE NBR BLEND - HYDROCARBON RESISTANT (RMA Class A)
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: RED NBR BLEND - ABRASION, OZONE AND HYDROCARBON RESISTANT (RMA Class B)
APPLICATION: GENERAL PURPOSE AIR AND WATER HOSE - MEDIUM/HIGH OIL RESISTANCE
SAFETY FACTOR: 4:1
TEMPERATURE: -29°C +71°C (-20°F +160°F) INTERMITTENT TO 82°C (180°F)
NOTE: NOT RECOMMENDED FOR PERMANENT FUEL APPLICATIONS

T-954 AH



PREMIUM MULTIPURPOSE 20 BAR (300 PSI) - NON CONDUCTIVE

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
954AH019299VP0	NS	19	3/4	29	5.0	510	20	300			30.5	
954AH025359VP0	NS	25	1	35	5.0	640	20	300			30.5	
954AH032449VP0	LS	32	1 1/4	44	6.0	980	20	300			30.5	30.5
954AH038509VP0	LS	38	1 1/2	50	6.0	1140	20	300			30.5	30.5
954AH051659VP0	LS	51	2	65	7.0	1500	20	300			30.5	30.5

TUBE: BLACK NBR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: RED NBR/PVC BLEND - ABRASION, OZONE AND HYDROCARBON RESISTANT
APPLICATION: PREMIUM QUALITY COMPRESSED AIR, WATER, FUEL AND OIL DELIVERY IN GENERAL INDUSTRIAL APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-953 AE



GENERAL PURPOSE 20 BAR (300 PSI)

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
953AE013239VQ0	LS	13	1/2	23	5.0	350	20	300			61	61
953AE019319VQ0	LS	19	3/4	31	6.0	580	20	300			61	61
953AE025379VQ0	LS	25	1	37	6.0	730	20	300			20 / 61	20
953AE038529VQ0	LS	38	1 1/2	52	7.0	1070	20	300			61	61
953AE051679VQ0	LS	51	2	67	8.0	1880	20	300			61	61
953AE063819VQ0	LS	63	2 1/2	81	9.0	2310	20	300			61	61
953AE076949VQ0	LS	76	3	94	9.0	2800	20	300			61	61
953AE090089VQ0	LS	90	3 1/2	108	9.0	3450	20	300			61	61

TUBE: BLACK EPDM
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLUE EPDM - ABRASION AND OZONE RESISTANT
APPLICATION: AIR AND WATER DELIVERY IN GENERAL APPLICATIONS. GOOD RESISTANCE TO CHEMICALS - SEE CHEMICAL RESISTANCE CHART.
SAFETY FACTOR: 4:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-509 OE



ACID AND CHEMICAL SUCTION & DELIVERY 16 BAR (240 PSI) - UHMWPE - FDA

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
509OE0193155R0	LS	19	3/4	31	6.0	590	16	240	90	188	30.5	30.5
509OE0253755R0	LS	25	1	37	6.0	730	16	240	90	225	30.5	30.5
509OE0324455R0	LS	32	1 1/4	44	6.0	880	16	240	90	263	30.5	30.5
509OE0385055R0	LS	38	1 1/2	50	6.0	1010	16	240	90	338	30.5	30.5
509OE0516355R0	LS	51	2	63	6.0	1340	16	240	90	413	30.5	30.5
509OE0637755R0	LS	63	2 1/2	77	7.0	2080	16	240	90	450	30.5	30.5
509OE0769255R0	LS	76	3	92	8.0	2830	16	240	80	525	30.5	30.5
509OE1021855R0	LS	102	4	118	8.0	3850	16	240	80	675	30.5	30.5

TUBE: TRANSPARENT UHMWPE (ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE)
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLUE EPDM - ABRASION AND OZONE RESISTANT
APPLICATION: ACID AND CHEMICAL SUCTION AND DELIVERY. SUITABLE FOR 98% OF EXISTING CHEMICALS
 - SEE CHEMICAL RESISTANCE CHART.
SAFETY FACTOR: 3:1
TEMPERATURE: -20°C +65°C (-4°F +150°F)

4.26 | Fuel and Oil

S-668 EL



FUEL AND OIL SUCTION & DELIVERY - PVC - HEAVY DUTY

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
668EL025006M80	LS	25	1			540	7	100	90	150	20 / 50	20
668EL032006M80	LS	32	1 1/4			680	6	90	90	192	20 / 50	20
668EL038006M80	LS	38	1 1/2			760	6	90	90	228	20 / 50	20
668EL051006M80	LS	51	2			1150	5	75	90	306	20 / 50	20
668EL063006M80	LS	63	2 1/2			1600	4	60	90	378	20 / 50	20
668EL076006M80	LS	76	3			2000	4	60	90	456	20 / 50	20
668EL102006M80	LS	102	4			3100	3	45	90	612	20	20

TUBE: BLUE PLASTICIZED PVC - ABRASION, OZONE AND HYDROCARBON RESISTANT
REINFORCEMENT: WHITE SHOCK RESISTANT RIGID PVC
APPLICATION: FUEL AND OIL SUCTION AND DELIVERY.
SAFETY FACTOR: 3:1
TEMPERATURE: -10°C +60°C (+14°F +140°F)

L-687 AA



FUEL LINE 3 BAR (50 PSI) - SAE 30R7

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
687AA006130000	LS	6	1/4	13	3.2	130	3	50		80	213	213
687AA008140000	LS	8	5/16	14	3.2	160	3	50		80	213	213
687AA010160000	LS	10	3/8	16	3.2	180	3	50		100	213	213

TUBE: BLACK NBR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK NBR/PVC BLEND - ABRASION, OZONE AND HYDROCARBON RESISTANT
APPLICATION: FUEL LINE, VAPOUR EMISSION AND CRANKCASE VENTILATION IN AUTOMOTIVE APPLICATIONS.
SAFETY FACTOR: ACCORDING TO SAE 30R7
TEMPERATURE: -34°C +125°C (-29°F +257°F)

T-650 AA



FUEL AND OIL DELIVERY 10 BAR (150 PSI) TRbF 131/2

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
650AA019296MMO	LS	19	3/4	29	5.0	460	10	150			61	61
650AA025356MMO	LS	25	1	35	5.0	580	10	150			20 / 40 / 61	20 / 61
650AA032426MMO	LS	32	1 1/4	42	5.0	710	10	150			20 / 40 / 61	20 / 61
650AA038486MMO	LS	38	1 1/2	48	5.0	830	10	150			20 / 40 / 61	20 / 61
650AA051616MMO	LS	51	2	61	5.0	1100	10	150			20	20
650AA076886MMO	LS	76	3	88	6.0	1960	10	150			20	20
650AA102146MMO	LS	102	4	114	6.0	2650	10	150			20	20

TUBE: BLACK CONDUCTIVE NBR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE CR - ABRASION, OZONE, HYDROCARBON AND FIRE RESISTANT
APPLICATION: FUEL AND OIL DELIVERY WITH UP TO 50% AROMATIC CONTENT.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-605 AA



FUEL AND OIL SUCTION & DELIVERY 10 BAR (150 PSI)

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
605AA019296MDO	LS	19	3/4	29	5.0	600	10	150	100	95	20 / 30.5 / 61	20 / 61
605AA025356MDO	LS	25	1	35	5.0	740	10	150	100	125	20 / 30.5 / 61	20 / 61
605AA032426MDO	LS	32	1 1/4	42	5.0	900	10	150	100	160	20 / 30.5 / 61	20 / 61
605AA038486MDO	LS	38	1 1/2	48	5.0	1030	10	150	100	190	20 / 30.5 / 61	20 / 61
605AA045556MDO	LS	45	1 3/4	55	5.0	1190	10	150	100	225	30.5 / 61	30.5
605AA051616MDO	LS	51	2	61	5.0	1330	10	150	100	255	20 / 30.5 / 61	20 / 61
605AA063756MDO	LS	63	2 1/2	75	6.0	2080	10	150	90	315	20 / 30.5 / 61	20
605AA076886MDO	LS	76	3	88	6.0	2480	10	150	90	380	20 / 30.5 / 61	20 / 30.5
605AA090046MDO	LS	90	3 1/2	104	7.0	3040	10	150	90	450	20 / 30.5 / 61	30.5
605AA102166MDO	LS	102	4	116	7.0	3400	10	150	90	510	20 / 30.5 / 61	20 / 30.5
605AA127456MDO	LS	127	5	145	9.0	5780	10	150	80	635	30.5	30.5
605AA152706MDO	LS	152	6	170	9.0	7150	10	150	80	760	30.5	30.5
605AA203256MDO	LS	203	8	225	11.0	11630	10	150	70	1015	6.1 / 20	20

TUBE: BLACK CONDUCTIVE NBR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK CR - ABRASION, OZONE AND HYDROCARBON RESISTANT
APPLICATION: FUEL, OIL AND HYDRAULIC FLUIDS SUCTION AND DELIVERY WITH UP TO 50% AROMATIC CONTENT.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-655 AA



FUEL AND OIL DELIVERY 16 BAR (240 PSI) - EXCEEDS EN 1761 TRbF 141/2

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
655AA032446IC0	NS	32	1 1/4	44	6.0	900	16	240		175	61	
655AA038516IC0	LS	38	1 1/2	51	6.5	1060	16	240		225	61	61
655AA051676IC0	LS	51	2	67	8.0	1630	16	240		275	30.5 / 61	30.5 / 61
655AA063796IC0	LS	63	2 1/2	79	8.0	1980	16	240		300	30.5	30.5
655AA076926IC0	LS	76	3	92	8.0	2430	16	240		350	30.5	30.5
655AA102206IC0	LS	102	4	120	9.0	3630	16	240		450	30.5 / 61	30.5 / 61

TUBE: BLACK CONDUCTIVE NBR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE CR - ABRASION, OZONE, HYDROCARBON AND FLAME RESISTANT
APPLICATION: FUEL AND OIL DELIVERY WITH UP TO 50% AROMATIC CONTENT. DESIGNED FOR LONG LASTING SERVICE IN HEAVY DUTY APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +70°C (-22°F +158°F)

T-658 AA



DOMESTIC FUEL / REELING 16 BAR (240 PSI) - EN 1360 TRbF 131/2

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
658AA032446YU0	LS	32	1 1/4	44	6.0	970	16	240		160	40 / 61	61

TUBE: BLACK CONDUCTIVE NBR
REINFORCEMENT: BRAIDED HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE CR - ABRASION, OZONE, HYDROCARBON AND FLAME RESISTANT
APPLICATION: FUEL AND OIL DELIVERY WITH UP TO 50% AROMATIC CONTENT. DESIGNED FOR REELING APPLICATIONS. ALSO SUITABLE FOR TANK CLEANING APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +70°C (-22°F +158°F)

4.28 | Fuel and Oil

T-659 AA



LPG DELIVERY 25 BAR (375 PSI) - EN 1762:2003 TYPE D-M

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
659AA019316923	NS	19	3/4	31	6.0	640	25	375		200	61	
659AA025386923	LS	25	1	38	6.5	810	25	375		200	42 / 61	61
659AA032456923	LS	32	1 1/4	45	6.5	970	25	375		250	18 / 42 / 61	61
659AA038526923	NS	38	1 1/2	52	7.0	1370	25	375		320	61	
659AA051676923	LS	51	2	67	8.0	2060	25	375		400	61	61

TUBE: BLACK NBR
REINFORCEMENT: BRAIDED HIGH TENSILE TEXTILE CORDS - ANTISTATIC WIRE
COVER: BLACK CONDUCTIVE CR - ABRASION, OZONE, HYDROCARBON AND FLAME RESISTANT
APPLICATION: LPG DELIVERY.
SAFETY FACTOR: 4:1
TEMPERATURE: -30°C +70°C (-22°F +158°F)

T-656 AA



AIRCRAFT GROUND FUELLING 20 BAR (300 PSI) - DNV APPROVED - EN 1361:1997 API 1529:1998

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
656AA025376AX0	NS	25	1	37	6.0	780	20	300			30.5	
656AA032446AX0	NS	32	1 1/4	44	6.0	930	20	300			30.5	
656AA038516AX0	NS	38	1 1/2	51	6.5	1290	20	300			30.5	
656AA050666AX0	NS	50	2	66	8.0	1880	20	300			30.5	
656AA063796AX0	NS	63	2 1/2	79	8.0	1920	20	300			30.5	
656AA075916AX0	NS	75	3	91	8.0	2560	20	300			30.5	
656AA100166AX0	NS	100	4	116	8.0	3580	20	300			30.5	

TUBE: BLACK CONDUCTIVE NBR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE CR - ABRASION, OZONE AND HYDROCARBON RESISTANT
APPLICATION: AIRCRAFT GROUND FUELLING.
SAFETY FACTOR: 4:1
TEMPERATURE: -30°C +55°C (-22°F +131°F)
NOTE: ALSO API 1529/1998/C GRADE 2 "CERT-0080-2003-PC-BRI-DNV" APPROVED

T-611 AA



AIRCRAFT GROUND FUELLING AND DEFUELLING 20 BAR (300 PSI) - DNV APPROVED - EN 1361:1997 API 1529:1998

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
611AA025416MX0	NS	25	1	41	8.0	890	20	300	65	150	30.5	
611AA032486MX0	NS	32	1 1/4	48	8.0	1100	20	300	65	190	30.5	
611AA038546MX0	LS	38	1 1/2	54	8.0	1280	20	300	65	225	30.5	30.5
611AA050676MX0	NS	50	2	67	8.5	1940	20	300	65	275	30.5	
611AA063816MX0	NS	63	2 1/2	81	9.0	2490	20	300	65	300	30.5	
611AA075936MX0	NS	75	3	93	9.0	2950	20	300	65	300	30.5	

TUBE: BLACK CONDUCTIVE NBR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED NYLON HELIX
COVER: BLACK CONDUCTIVE CR - ABRASION, OZONE AND HYDROCARBON RESISTANT
APPLICATION: AIRCRAFT GROUND FUELLING AND DEFUELLING.
SAFETY FACTOR: 4:1
TEMPERATURE: -30°C +55°C (-22°F +131°F)
NOTE: ALSO API 1529/1998/F GRADE 2 "CERT-0080-2003-PC-BRI-DNV" APPROVED

S-163 AL



GENERAL PURPOSE - BILGE PUMP, AUTOMOTIVE GAS VENT AND AIR SEEDER - PVC

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
163AL02000000	LS	20	3/4			180			50	20	30	30
163AL02500000	LS	25	1			230			50	25	30	30
163AL02800000	LS	28	1 1/8			250			50	28	30	30
163AL03200000	LS	32	1 1/4			300			50	32	30	30
163AL03800000	LS	38	1 1/2			380			50	38	30	30
163AL05200000	LS	52	2			700			50	102	30	30

TUBE: BLACK PLASTICIZED PVC - ABRASION AND OZONE RESISTANT
REINFORCEMENT: WHITE SHOCK RESISTANT RIGID PVC
APPLICATION: GENERAL PURPOSE DESIGNED FOR GAS VENT, AIR SEEDER & MARINE BILGE PUMP APPLICATION
TEMPERATURE: -10°C +60°C (+14°F +140°F)
NOTE: 52mm ID ACCORDING TO AS 1425 SECT. 2.22

S-266 LL



MARINE SANITARY HOSE - PVC

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
266LL01900000	LS	19	3/4			300	8	120	70	75	30	30
266LL02500000	LS	25	1			380	8	120	70	120	30	30
266LL03800000	LS	38	1 1/2			580	6	90	70	170	30	30

TUBE: WHITE THERMOPLASTIC ELASTOMER
REINFORCEMENT: WHITE SHOCK RESISTANT RIGID PVC
APPLICATION: SANITARY HOSE FOR MARINE APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -5°C +60°C (+23°F +140°F)

T-202 AL



MARINE SANITARY HOSE 10 BAR (150 PSI) - EPDM

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
202AL025352OAO	NS	25	1	35	5.0	710	10	150	100	100	30.5	
202AL038482OAO	NS	38	1 1/2	48	5.0	970	10	150	100	152	30.5	
202AL051612OAO	NS	51	2	61	5.0	1260	10	150	100	204	30.5	

TUBE: BLACK CHLOROBUTYL/EPDM
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: WHITE EPDM - ABRASION AND OZONE RESISTANT
APPLICATION: SANITARY HOSE FOR MARINE INSTALLATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

L-674 AA



SOFT WALL MARINE FUEL - ISO 7840/A1:2004 EUROPEAN DIRECTIVE 94/25/CE

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
674AA006156AD0	NS	6	1/4	15	4.5	190	3	45		30	40	
674AA008176AD0	NS	8	5/16	17	4.5	200	3	45		40	40	
674AA010196AD0	NS	10	3/8	19	4.5	240	3	45		50	40	
674AA013226AD0	NS	13	1/2	22	4.5	280	2	30		65	40	
674AA016246AD0	NS	16	5/8	24	4.0	330	2	30		80	40	
674AA019296AD0	NS	19	3/4	29	5.0	500	2	30		95	40	
674AA025356AD0	NS	25	1	35	5.0	700	2	30		125	40	

TUBE: BLACK NBR
REINFORCEMENT: BRAIDED HIGH TENSILE TEXTILE CORDS
COVER: BLACK CR - ABRASION, OZONE, HYDROCARBON AND FIRE RESISTANT
APPLICATION: MARINE FUEL DELIVERY WITH UP TO 50% AROMATIC CONTENT.
SAFETY FACTOR: 3:1
TEMPERATURE: -10°C +80°C (+14°F +176°F)

T-653 AA



SOFT WALL MARINE EXHAUST - RINA APPROVED SAE J 2006 R1

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
653AA025356KLO	NS	25	1	35	5.0	600	3	45			30.5	
653AA028386KLO	NS	28	1 1/8	38	5.0	660	3	45			30.5	
653AA032426KLO	NS	32	1 1/4	42	5.0	730	3	45			30.5	
653AA035456KLO	NS	35	1 3/8	45	5.0	790	3	45			30.5	
653AA038486KLO	NS	38	1 1/2	48	5.0	850	3	45			30.5	
653AA042526KLO	NS	42	1 5/8	52	5.0	930	3	45			30.5	
653AA045556KLO	NS	45	1 3/4	55	5.0	990	3	45			30.5	
653AA048586KLO	NS	48	1 7/8	58	5.0	1050	3	45			30.5	
653AA051636KLO	NS	51	2	63	6.0	1360	3	45			30.5	
653AA055676KLO	NS	55	2 3/16	67	6.0	1450	3	45			30.5	
653AA057696KLO	NS	57	2 1/4	69	6.0	1500	3	45			30.5	
653AA060746KLO	NS	60	2 3/8	74	7.0	1840	3	45			30.5	
653AA063776KLO	NS	63	2 1/2	77	7.0	1930	3	45			30.5	
653AA076906KLO	NS	76	3	90	7.0	2310	3	45			30.5	
653AA090046KLO	NS	90	3 1/2	104	7.0	2750	3	45			30.5	
653AA102166KLO	NS	102	4	116	7.0	3070	3	45			30.5	
653AA115296KLO	NS	115	4 1/2	129	7.0	3430	3	45			30.5	
653AA127416KLO	NS	127	5	141	7.0	3780	3	45			30.5	
653AA152686KLO	NS	152	6	168	8.0	4610	3	45			30.5	
653AA168846KLO	NS	168	6 5/8	184	8.0	5040	3	45			30.5	
653AA203216KLO	NS	203	8	221	9.0	7010	3	45			30.5	

TUBE: BLACK NBR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK NBR/PVC BLEND - ABRASION, OZONE, HYDROCARBON RESISTANT
APPLICATION: MARINE WET EXHAUST. ALSO SUITABLE FOR FUEL OIL, HYDRAULIC FLUIDS AND BILGE APPLICATIONS. SOFTWALL CONSTRUCTION SPECIALLY DESIGNED FOR STRAIGHT CONNECTIONS IN MARINE ENGINES.
SAFETY FACTOR: 5:1
TEMPERATURE: -30°C +100°C (-22°F +212°F)

T-616 AA



HARD WALL MARINE FUEL AND WET EXHAUST - ISO 7840/A2:2002 EUROPEAN DIRECTIVE 94/25/CE

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
616AA019296ITO	NS	19	3/4	29	5.0	650	2	30	100	48	30.5	
616AA025356ITO	NS	25	1	35	5.0	810	2	30	100	75	30.5	
616AA032426ITO	NS	32	1 1/4	42	5.0	970	2	30	100	96	30.5	
616AA035456ITO	NS	35	1 3/8	45	5.0	1040	2	30	100	105	30.5	
616AA038486ITO	LS	38	1 1/2	48	5.0	1120	2	30	100	114	30.5	30.5
616AA042526ITO	NS	42	1 5/8	52	5.0	1210	2	30	100	126	30.5	
616AA045556ITO	LS	45	1 3/4	55	5.0	1300	2	30	100	135	30.5	30.5
616AA048586ITO	LS	48	1 7/8	58	5.0	1360	2	30	100	144	30.5	30.5
616AA051616ITO	LS	51	2	61	5.0	1470	2	30	100	153	30.5	30.5
616AA057676ITO	NS	57	2 1/4	67	5.0	1620	2	30	100	171	30.5	
616AA060706ITO	NS	60	2 3/8	70	5.0	1860	2	30	100	180	30.5	
616AA063736ITO	LS	63	2 1/2	73	5.0	1950	2	30	90	189	30.5	30.5
616AA070806ITO	NS	70	2 3/4	80	5.0	2110	2	30	90	210	30.5	
616AA076866ITO	LS	76	3	86	5.0	2300	2	30	90	228	30.5	30.5
616AA090006ITO	LS	90	3 1/2	100	5.0	2840	2	30	90	270	30.5	30.5
616AA102126ITO	NS	102	4	112	5.0	3180	2	30	90	306	30.5	
616AA115296ITO	LS	115	4 1/2	129	7.0	4060	2	30	90	345	30.5	30.5
616AA127416ITO	NS	127	5	141	7.0	3880	2	30	80	381	30.5	
616AA152666ITO	NS	152	6	166	7.0	6160	2	30	80	456	30.5	
616AA203236ITO	NS	203	8	223	10.0	11580	2	30	70	609	30.5	

TUBE: BLACK NBR - FUEL AND FIRE RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK NBR/PVC BLEND - ABRASION, OZONE, HYDROCARBON AND FIRE RESISTANT
APPLICATION: MARINE WET EXHAUST AND FUEL WITH UP TO 50% AROMATICS CONTENT. MAXIMUM FLEXIBILITY AND KINK RESISTANT.
SAFETY FACTOR: 5:1
TEMPERATURE: -20°C +100°C (-4°F +212°F)

T-621 AA



HARD WALL MARINE EXHAUST - RINA APPROVED SAE J 2006 R2

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
621AA025356SJ0	NS	25	1	35	5.0	730	3	45	100	75	30.5	
621AA032426SJ0	NS	32	1 1/4	42	5.0	880	3	45	100	96	30.5	
621AA035456SJ0	NS	35	1 3/8	45	5.0	940	3	45	100	105	30.5	
621AA038486SJ0	NS	38	1 1/2	48	5.0	1010	3	45	100	114	30.5	
621AA042526SJ0	NS	42	1 5/8	52	5.0	1100	3	45	100	126	30.5	
621AA045556SJ0	NS	45	1 3/4	55	5.0	1170	3	45	100	135	30.5	
621AA048586SJ0	NS	48	1 7/8	58	5.0	1240	3	45	100	144	30.5	
621AA051616SJ0	NS	51	2	61	5.0	1310	3	45	100	153	30.5	
621AA057676SJ0	NS	57	2 1/4	67	5.0	1440	3	45	100	171	30.5	
621AA060706SJ0	NS	60	2 3/8	70	5.0	1670	3	45	100	180	30.5	
621AA063736SJ0	NS	63	2 1/2	73	5.0	1750	3	45	90	189	30.5	
621AA070806SJ0	NS	70	2 3/4	80	5.0	1940	3	45	90	210	30.5	
621AA076866SJ0	NS	76	3	86	5.0	2090	3	45	90	228	30.5	
621AA090006SJ0	NS	90	3 1/2	100	5.0	2550	3	45	90	270	30.5	
621AA102146SJ0	NS	102	4	114	6.0	3310	3	45	90	306	30.5	
621AA115276SJ0	NS	115	4 1/2	127	6.0	3700	3	45	90	345	30.5	
621AA127416SJ0	NS	127	5	141	7.0	5110	3	45	80	381	30.5	
621AA152666SJ0	NS	152	6	166	7.0	6320	3	45	80	456	30.5	
621AA203216SJ0	NS	203	8	221	9.0	9700	3	45	70	609	30.5	

TUBE: BLACK NBR
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK NBR/PVC BLEND - ABRASION, OZONE, HYDROCARBON RESISTANT
APPLICATION: MARINE WET EXHAUST. ALSO SUITABLE FOR BILGE APPLICATIONS. HARDWALL CONSTRUCTION SPECIALLY DESIGNED FOR LONGER CONNECTIONS AND MAXIMUM FLEXIBILITY.
SAFETY FACTOR: 5:1
TEMPERATURE: -30°C +100°C (-22°F +212°F)

4.32 | Mining

P-289 GG



LAY FLAT MINE DEWATERING - PVC

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
289GG10200000	LS	105	4	113	4.0	1740	14	200			100	100
289GG15200000	LS	156	6	166	5.0	3300	10	150			100	100
289GG20300000	LS	208	8	220	6.0	5140	10	150			100	100

TUBE: GREEN PLASTICIZED PVC
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: GREEN PLASTICIZED PVC - ABRASION, OZONE AND CUT RESISTANT
APPLICATION: LAY FLAT WATER DISCHARGE FOR HEAVY DUTY APPLICATIONS. SPECIALLY DESIGNED FOR MINE AND CONSTRUCTION SITES DEWATERING. HIGH TENSILE STRENGTH.
SAFETY FACTOR: 4:1
TEMPERATURE: -10°C +60°C (+14°F +140°F)

L-296 GG



HIGH WALL MINE DEWATERING

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
296GG15200000	LS	154	6	162	3.9	2300	10	150			100 / 200	100

TUBE: GREEN NBR/PVC BLEND - ABRASION, OZONE AND HYDROCARBON RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: GREEN NBR/PVC BLEND - ABRASION, OZONE AND HYDROCARBON RESISTANT
APPLICATION: LAY FLAT WATER DISCHARGE FOR HEAVY DUTY APPLICATIONS. SPECIALLY DESIGNED FOR MINE AND CONSTRUCTION SITES DEWATERING. HIGH TENSILE STRENGTH.
SAFETY FACTOR: 4:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

S-785 AI



BULK MATERIAL SUCTION AND DELIVERY - INDUS BR

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
785AI102270000	LS	102	4	127	12.5	3940	10	150	100	1250	20	20
785AI152870000	LS	152	6	187	17.5	8060	10	150	100	2000	20	20
785AI203450000	LS	203	8	245	21.0	13140	10	150	100	3000	10	10

TUBE: BLACK PVC NITRILE
REINFORCEMENT: SYNTHETIC CORDS - ORANGE SHOCK RESISTANT RIGID PVC
APPLICATION: SUCTION & PRESSURE DISCHARGE OF ABRASIVE SLURRIES, POWDERS, GRANULES & HIGHLY VISCOUS MATERIALS. SPECIALLY DESIGNED FOR ARDOUS CONDITIONS AT MINIMAL WEIGHT. EXCELLENT FLEXIBILITY
SAFETY FACTOR: 4:1
TEMPERATURE: -15°C +60°C (+5°F +140°F)

P-189 AK



FRAS - AIR AND WATER DELIVERY - PVC - AS 2660/A AS/NZS 2554/A

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
189AK013211LQ0	LS	13	1/2	21	4.0	275	20	300		104	20 / 33 / 100	20 / 33 / 100
189AK019291LQ0	LS	19	3/4	29	5.0	490	20	300		152	100	100
189AK025351LOZ	LS	25	1	35	5.0	575	35	525		200	20 / 30 / 100 / 200	20 / 30 / 100 / 200

TUBE: BLACK PVC - ANTISTATIC
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: YELLOW RIBBED PVC WITH LONGITUDINAL ANTISTATIC STRIPES - ABRASION AND OZONE RESISTANT
APPLICATION: COMPRESSED AIR AND WATER DELIVERY IN UNDERGROUND MINING APPLICATIONS.
SAFETY FACTOR: ACCORDING TO AS 2660/A AS/NZS 2554/B
TEMPERATURE: -5°C +60°C (+23°F +140°F)

T-131 AA



FRAS - COMPRESSED AIR - STEEL CORDS - EXCEEDS AS 2660/B

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
131AA038521UH3	LS	38	1 1/2	52	7.0	1470	70	1050		190	61	61
131AA051651UH3	LS	51	2	65	7.0	2200	70	1050		255	61	61
131AA063831UH3	LS	63	2 1/2	83	10.0	3850	70	1050		315	61	61
131AA076961UH3	LS	76	3	96	10.0	3530	40	600		380	61	61
131AA102221UH3	LS	102	4	122	10.0	5230	40	600		510	61	61

TUBE: BLACK SBR/NBR BLEND - OIL MIST RESISTANT
REINFORCEMENT: HIGH TENSILE STEEL CORDS
COVER: BLACK SBR - ABRASION, OZONE AND FIRE RESISTANT
APPLICATION: HIGH PRESSURE AIR AND WATER DELIVERY. LONG LASTING SERVICE AND MAXIMUM SAFETY IN UNDERGROUND COAL MINES. SPECIALLY DESIGNED FOR LONGWALL MINING APPLICATIONS.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-240 AA



FRAS - AIR AND WATER DELIVERY 20 BAR (300 PSI) - EXCEEDS AS 2660/B

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
240AA013232AH0	LS	13	1/2	23	5.0	320	20	300			20 / 61	20 / 61
240AA019312AH0	LS	19	3/4	31	6.0	530	20	300			20 / 40	20 / 40
240AA025372AH0	LS	25	1	37	6.0	670	20	300			20 / 61	20 / 61
240AA032462AH0	LS	32	1 1/4	46	7.0	1020	20	300			61	61
240AA038522AH0	LS	38	1 1/2	52	7.0	1170	20	300			20 / 61	20 / 61
240AA051672AH0	LS	51	2	67	8.0	1750	20	300			20 / 40 / 61	20 / 40 / 61
240AA063802AH0	LS	63	2 1/2	80	8.5	2160	20	300			20 / 61	20 / 61
240AA076932AH0	LS	76	3	93	8.5	2570	20	300			20 / 61	20 / 61
240AA102192AH0	LS	102	4	119	8.5	3440	20	300			61	61

TUBE: BLACK CONDUCTIVE SBR/NR BLEND
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE SBR - ABRASION, OZONE, AND FIRE RESISTANT
APPLICATION: AIR, WATER AND STONE DUST DELIVERY IN UNDERGROUND COAL MINES.
SAFETY FACTOR: <= 63mm 4:1 >=76mm 3.5:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-241 AA



FRAS - AIR AND WATER DELIVERY 35 BAR (525 PSI) - EXCEEDS AS 2660/B

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
241AA013232FB0	LS	13	1/2	23	5.0	320	35	525			20	20
241AA019322FB0	LS	19	3/4	32	6.5	560	35	525			20	20
241AA025382FB0	LS	25	1	38	6.5	730	35	525			20 / 40	20
241AA038542FB0	LS	38	1 1/2	54	8.0	1250	35	525			20 / 40	20
241AA076952FB0	LS	76	3	95	9.5	2950	35	525			61	61

TUBE: BLACK CONDUCTIVE SBR/NR BLEND
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE SBR - ABRASION, OZONE AND FIRE RESISTANT
APPLICATION: AIR, WATER AND STONE DUST DELIVERY IN UNDERGROUND COAL MINES.
SAFETY FACTOR: <= 38 mm 4:1 76 mm 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-225 AA



FRAS - SUCTION & DELIVERY 10 BAR (150 PSI) - EXCEEDS AS 2660/C

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
225AA051612GT0	LS	51	2	61	5.0	1210	10	150	100	204	20	20
225AA063752GT0	LS	63	2 1/2	75	6.0	1930	10	150	90	252	20	20
225AA076882GT0	LS	76	3	88	6.0	2300	10	150	90	304	20	20
225AA102162GT0	LS	102	4	116	7.0	3540	10	150	90	408	20/61	20/61
225AA152702GT0	LS	152	6	170	9.0	6700	10	150	80	760	61	61

TUBE: BLACK CONDUCTIVE SBR/NR BLEND
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK CONDUCTIVE SBR - ABRASION, OZONE AND FIRE RESISTANT
APPLICATION: WATER AND STONE DUST SUCTION AND DELIVERY. ALSO SUITABLE FOR METHANE DRAINAGE IN UNDERGROUND COAL MINES.
SAFETY FACTOR: 4:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

4.34 | Mining

T-245 AA



FRAS - DELIVERY 27 BAR (400 PSI) - CRUSH RESISTANT - EXCEEDS AS 2660/B

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
245AA051732AI0	LS	51	2	73	11.0	2390	27	400	60		20 / 40	20 / 40

TUBE: BLACK CONDUCTIVE SBR/NR BLEND
REINFORCEMENT: BRAIDED HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE SBR - ABRASION, OZONE AND FIRE RESISTANT
APPLICATION: WATER AND STONE DUST DELIVERY. ALSO SUITABLE FOR METHANE DRAINAGE IN UNDERGROUND COAL MINES. SPECIAL CRUSH RESISTANT CONSTRUCTION.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-660 AA



ANFO LOADING TUBE - AS 2187 PART 2 1993

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
660AA019256IX0	LS	19	3/4	25	3.0	200					20	20

TUBE: BLACK CONDUCTIVE NBR
REINFORCEMENT: TEXTILE FABRIC
COVER: BLACK CONDUCTIVE NBR/PVC BLEND - ABRASION, OZONE, HYDROCARBON AND FIRE RESISTANT
APPLICATION: ANFO LOADING TUBING FOR BLASTING OPERATIONS IN UNDERGROUND MINES. APPLICATIONS. FUEL AND OIL RESISTANT WITH UP TO 50% AROMATIC CONTENT.
TEMPERATURE: -30°C +70°C (-22°F +158°F)

T-612 AA



NITRO BLAST AND EXPLOSIVES HANDLING 20 BAR (300 PSI)

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
612AA05171X6A0	LS	51	2	71	10.0	2830	20	300	70	255	61	61
612AA06383X6A0	LS	63	2 1/2	83	10.0	3390	20	300	70	315	61	61

TUBE: BLACK CONDUCTIVE NBR - ABRASION RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK CONDUCTIVE NBR/PVC BLEND - ABRASION, OZONE, HYDROCARBON AND FIRE RESISTANT
APPLICATION: ANFO LOADING. SPECIALLY DESIGNED FOR MOBILE EXPLOSIVE DELIVERY UNITS AND HEAVY DUTY REELING APPLICATIONS. FUEL AND OIL RESISTANT WITH UP TO 50% AROMATIC CONTENT.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)
NOTE: END LOAD RESISTANCE 3000KG

T-706 AA



BULK MATERIAL SUCTION & DELIVERY 10 BAR (150 PSI) - MUFF COUPLINGS

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
706AA076027UD0	LS	76	3	102	13.0	4770	10	150	90	304	20	20
706AA102287UD0	LS	102	4	128	13.0	6310	10	150	90	408	20	20
706AA127597UD0	LS	127	5	159	16.0	9440	10	150	80	635	20	20
706AA152847UD0	LS	152	6	184	16.0	11420	10	150	80	760	20	20
706AA203357UD0	LS	203	8	235	16.0	15480	10	150	70	1015	6.1 / 10	6.1 / 10
706AA254867UD0	LS	254	10	286	16.0	21600	10	150	60	1270	6.1 / 10	6.1 / 10
706AA300447UD0	LS	300	12	344	22.0	34490	10	150	60	1500	6.1 / 10	6.1 / 10

TUBE: BLACK CONDUCTIVE NR - ABRASION RESISTANT APPROX. 50 mm³ (ISO 4649/A)
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK CONDUCTIVE SBR/NR BLEND - ABRASION AND OZONE RESISTANT
APPLICATION: BULK MATERIAL AND ABRASIVE SLURRIES SUCTION AND DELIVERY. LONG LASTING SERVICE IN HEAVY DUTY APPLICATIONS. DESIGNED FOR USE WITH MUFF COUPLINGS.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-707 AA



MINE SLURRY SUCTION & DELIVERY 10 BAR (150 PSI) - MUFF COUPLINGS

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
707AA051697UB0	LS	51	2	69	9.0	2220	10	150	90	204	20 / 30.5	20 / 30.5
707AA076987UB0	LS	76	3	98	11.0	4120	10	150	90	304	20	20
707AA102247UB0	LS	102	4	124	11.0	5400	10	150	90	408	20	20
707AA152787UB0	LS	152	6	178	13.0	9360	10	150	80	760	20	20
707AA203377UB0	LS	203	8	237	17.0	17320	10	150	70	1015	10	10
707AA254927UB0	LS	254	10	292	19.0	23720	10	150	70	1270	10	10

TUBE: BLACK CONDUCTIVE NR - ABRASION RESISTANT APPROX. 50 mm3 (ISO 4649/A)
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK CONDUCTIVE SBR/NR BLEND - ABRASION AND OZONE RESISTANT
APPLICATION: BULK MATERIAL AND ABRASIVE SLURRIES SUCTION AND DELIVERY. LONG LASTING SERVICE IN HEAVY DUTY APPLICATIONS. DESIGNED FOR USE WITH MUFF COUPLINGS.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-776 AA



MINERAL SAMPLING 35 BAR (525 PSI)

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
776AA051777XC0	LS	51	2	77	13.0	3070	35	525		204	20	20
776AA076067XC0	LS	76	3	106	15.0	5000	35	525		304	15.25 / 20 / 61	15.25 / 20 / 61
776AA102347XC0	LS	102	4	134	16.0	7290	35	525		408	20	20

TUBE: BLACK CONDUCTIVE NR - ABRASION RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: BLACK CONDUCTIVE SBR/NR BLEND - ABRASION AND OZONE RESISTANT
APPLICATION: MINERAL RECOVERY IN DRILLING EQUIPMENT.
SAFETY FACTOR: 3:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-765 AA



FRAS - STONE DUST 7 BAR (100 PSI) - AS 2660/C

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
765AA032467UQ0	LS	32	1 1/4	46	7.0	940	7	100			20	20
765AA038527UQ0	LS	38	1 1/2	52	7.0	1100	7	100			20	20
765AA051657UQ0	LS	51	2	65	7.0	1440	7	100			20	20

TUBE: BLACK CONDUCTIVE SBR/NR BLEND - ABRASION RESISTANT
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE SBR - ABRASION, OZONE AND FIRE RESISTANT
APPLICATION: STONE DUSTING APPLICATIONS IN UNDERGROUND COAL MINES. ALSO SUITABLE FOR AIR AND WATER.
SAFETY FACTOR: 4:1
TEMPERATURE: -30°C +80°C (-22°F +176°F)

T-964 AA



FRAS - CABLE PROTECTION - AS 1802 AS 2660

Code	Stock Ref	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vacuum %	Bend Radius mm	Available Length m	Stock Length m
964AA013219AM0	LS	13	1/2	21	4.0	250	5	75			61	61
964AA016249AM0	LS	16	5/8	24	4.0	290	5	75			61	61
964AA019299AM0	LS	19	3/4	29	5.0	430	5	75			40	40
964AA025359AM0	LS	25	1	35	5.0	530	5	75			40	40
964AA032429AM0	LS	32	1 1/4	42	5.0	650	5	75			40	40
964AA038489AM0	LS	38	1 1/2	48	5.0	760	5	75			40	40
964AA045559AM0	LS	45	1 3/4	55	5.0	880	5	75			40	40
964AA051619AM0	LS	51	2	61	5.0	990	5	75			40	40

TUBE: BLACK CONDUCTIVE SBR/NR BLEND
REINFORCEMENT: HIGH TENSILE TEXTILE CORDS
COVER: BLACK CONDUCTIVE SBR - ABRASION, OZONE AND FIRE RESISTANT
APPLICATION: CABLE PROTECTION IN UNDERGROUND COAL MINES. ALSO SUITABLE FOR LIGHT DUTY AIR AND WATER USE UP TO A MAXIMUM OF 5 BAR (75 WP PSI).
TEMPERATURE: -30°C +80°C (-22°F +176°F)
NOTE: NSW DEPARTMENT OF MINERAL RESOURCE APPROVAL No. MDCA H 10042.
 QLD DEPARTMENT OF MINES - SIMTAR COMPLIANCE No. M98/0032.



HYDRAULIC RUBBER HOSE

4.36 | Hose Dash Size

PACIFIC HOSEFLEX HOSE DASH SIZE TO RECOMMENDED MAXIMUM OPERATING PRESSURE

The table is intended as a guide in the selection of hose by operating pressure. It is not a guarantee. The final selection further depends on fluid, and ambient temperature, concentration of agent, intermittent or continuous exposure, etc. For further details on a specific hose see the respective catalogue pages or consult your local Pacific Hose Flex office.

Note: All pressures are in listed in PSI.

Hose Type	inch	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
	DN	5	6	8	10	12	16	20	25	32	38	50	63	76	90	102
	Dash size	-3	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32	-40	-48	-56	-65
FLEXOR 7		3000	3000	2500	2250	2000										
FLEXOR 8		5000	5000	4500	4000	3500										
FLEXOR 6			400	400	400	400	350	300	250							
FLEXOR 3			1250	1200	1125	1000	875	750	565	377						
FLEXOR 3TE			2100	1900	1600	1350	1150	1000	800							
FLEXOR 1SN - RIAT		3630	3270	3120	2610	2320	1890	1530	1280	920	730	580				
FLEXOR 1SN FIRE SUPPRESSION			3270		2610	2320		1530								
FLEXOR 2ST - R2A			5800	5000	4800	4000	3630	3120	2400	1820	1310	1160	1000	800		
FLEXOR 2SN - R2AT		6000	5800	5000	4800	4000	3630	3120	2400	1820	1310	1160				
FLEXOPAK PLT		1500	1500	1500	1500	1500										
FLEXOPAK 2 - R16			5850	5500	5000	4500	4000	3500	3000							
FLEXOR 5 ¹			3000	3000	2250	2000	1750	1500	800	625	500	350				
TEMP TECH 1SN			3270		2610	2320		1530	1280	920	580					
TEMP TECH 2SN			5800		4800	4000	3630	3120	2400	1820	1310	1160				
FLEXOR 4SP			6550		6450	6000	5000	5510	4640							
FLEXOR 4SH								6000	5500	5000	4200	3650				
FLEXOR 12					4000	4000	4000	4000	4000	3000	2500	2500	2030			
FLEXOR 13								5000	5000	5000	5000	5000				
ALFATECH 3000			3250		3000	3000										
ALFATECH 4000						4000		4000	4000	4000	4200	4000				
ALFATECH 5000			5850		5000	5000	5000	5000	5500	5000	5000	5000	5000			
ALFATECH 6000			6550		6450	6000	6000	6000	6000	6000	6000	6000				
ALFATECH 7000							7000									
ALFATECH 8000								8000	8000							
ALFATECH 4000 MINETUFF				4240	4000	4000	4000	4000	4000	4000	4200	4000				
ALFATECH 5000 MINETUFF			5000	5000	5000	5000	5000	5510	5500	5000	5000	5000				
ALFATECH 3000 SUPERTUFF								3500	3000							
ALFATECH 5000 SUPERTUFF			5850		5000	5000	5000	5510	5500	5000	5000	5000				
ALFATECH 6000 SUPERTUFF					6000			6000	6000							
FLEXOR 4								300	250	200	150	100	62	56	45	35
PTFE STAINLESS STEEL		3000	2550	2250	1950	1800	1200	1200	900							
ALFAJET 210			3000	3000	3000	3000										
ALFAJET 400			5800	5800	5800	5800										
SUPERCLEANER					4800											
FLEXORBLAST 25K ²								10000	10000							
FLEXORBLAST 30K ²					12000	12000										
FLEXORBLAST 36K ²						14500		14500								
FLEXORBLAST 45K ²						18000										
FLEXORBLAST 50K ²						20000										
FLEXOR SLIM HOLE													1500	1500		

1- FLEXOR5 is listed by Dash size not actual I.D.

2- FLEXORBLAST Hoses - For extreme high pressure water applications - Not to be used for Hydraulic applications.

All ALFAGOMMA Hydraulic hose listed has a minimum burst pressure of at least four (4) times the working pressure.



RUBBER HOSE

4.37 | Hydraulic Hose Approvals

PACIFIC HOSEFLEX HYDRAULIC HOSE APPROVALS

ISO: International Organisation for Standardization
EN: European Norm
SAE: Society of Automotive Engineers
MSHA: US- Mine Safety and Health Administration
DOT: US- Department of Transportation
RINA: Registro Navale Italiano

ABS: American Bureau of Shipping
GIG: Glowny Instytut Gorlietwa
NKK: Nippon Kaiji Kyokai
GL: Germanischer Lloyd
BV: Bureau Veritas
DNV: Det Norske Veritas

The listing below is intended only as a guide in identifying which ALFAGOMMA hoses comply with requirements of various agencies

Hose Type	SAE J517	EN	ISO	Alfagomma Proprietary Hose	DNV1	ABS	GIG	GL	BV	NKK	RINA	MSHA2	USDOT3
FLEXOR7	100 R7	855 R7	3949										
FLEXOR8	100 R8	855 R8	3949										
FLEXOR6	100 R6	854 R6											
FLEXOR3	100 R3	854 R3											
FLEXOR3TE		854 3TE											
FLEXOR1SN - R1AT	100 R1AT	853 1SN	1436		X	X		X	X	X	X	X	
FLEXOR1SN FIRE SUPPR				X								X	
FLEXOR2ST - R2A	100 R2A	853 2ST	1436		X	X	X	X	X		X	X	
FLEXOR2SN - R2AT	100 R2AT	853 2SN	1436		X	X	X	X	X	X	X	X	
FLEXOPAKPLT				X									
FLEXOPAK2 - R16	100 R16	857 2SC	11237		X		X		X		X	X	
FLEXOR5	100 R5												X
TEMP TECH 1 SN				X									
TEMP TECH 2SN				X									
FLEXOR4SP		856 4SP	3862		X		X		X	X	X	X	
FLEXOR4SH		856 4SH	3862		X			X	X	X	X	X	
FLEXOR12	100 R12		3862		X					X	X	X	
FLEXOR13	100 R13		3862		X				X	X	X	X	
ALFATECH 3000	100 R17			X								X	
ALFATECH 4000				X								X	
ALFATECH 5000				X	X							X	
ALFATECH 6000	100 R15			X	X	X			X		X	X	
ALFATECH 7000				X								X	
ALFATECH 8000				X								X	
ALFATECH 4000 MINETUFF				X								X	
ALFATECH 5000 MINETUFF				X								X	
ALFATECH 3000 SUPERTUFF	100 R17			X								X	
ALFATECH 5000 SUPERTUFF				X								X	
ALFATECH 6000 SUPERTUFF	100 R15			X								X	
FLEXOR4	100 R4												
PTFE STAINLESS STEEL													
ALFAJET 210				X									
ALFAJET 400				X									
SUPERCLEANER				X									
FLEXORBLAST 25K				X									
FLEXORBLAST 30K				X									
FLEXORBLAST 36K				X									
FLEXORBLAST 45K				X									
FLEXORBLAST 50K				X									
FLEXOR SLIM HOLE				X									

- 1- DNV approvals are with permanent (crimp) type fittings only
- 2- Hose With MSHA approved cover will be branded MSHA on the layline
- 3- DOT Type All TYPE All FMVSS106 approval up to size -12
- 4- PTFE STAINLESS according to FDA US PHARMACOPEIA CLASS VI

Listing may vary by style and size, for current and complete information, contact ALFAGOMMA for Details

4.38 | Safety Guide

SAFETY GUIDE AND BASIC FACTORS FOR THE SELECTION, INSTALLATION AND MAINTENANCE OF HOSE AND HOSE ASSEMBLIES

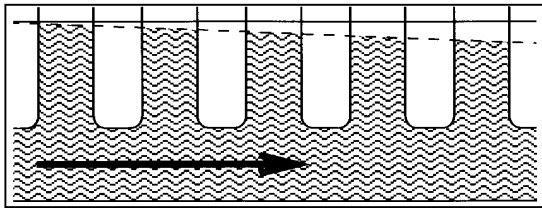
This part of the energy is lost as heat energy, which results in a pressure loss. Hydraulic hose (and hose assemblies) has a limited life dependent on service conditions to which is applied. Subjecting hose (and hose assemblies) to conditions more severe than the recommended limits significantly reduce service life. Exposure to combinations of recommended limits (i.e., continuous use at maximum rated working pressure, maximum recommended operating temperature and minimum bend radius) will also reduce service life.

WARNING: FAILURE TO FOLLOW PROPER SELECTION, INSTALLATION AND MAINTENANCE PROCEDURES MAY RESULT IN PREMATURE FAILURES, BODILY INJURY, AND DAMAGE TO PROPERTY.

1. SELECTION - The following is a list of factors which must be considered before the selection of a hose can be made:

1.1 Line size

In order to achieve maximum efficiency in a hydraulic system, it is necessary to keep pressure losses (resistance to the volumetric flow) to a minimum when a fluid is conveyed by the different types of flow lines



These pressure losses depend upon:

- flow velocity (for a given volumetric flow, the fluid flow velocity increases with a decrease in the cross sectional area of a flow line and vice versa)
- length of the flow line
- the viscosity of the fluid flowing
- the density of the fluid flowing
- the type of flow (laminar or turbulent)

Types of flow - The type of flow changes from laminar to turbulent at a certain flow velocity. This velocity is given by the Reynolds Number Re .

For cylindrical flow lines the following formula applies:

$$Re = \frac{v \times d}{V}$$

where:

v = velocity (m/s)

d = flow line internal dia. (m)

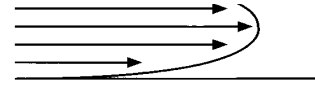
V = kinematic viscosity (m)

As soon as the value for Re exceeds 2300, the laminar flow changes to turbulent flow.

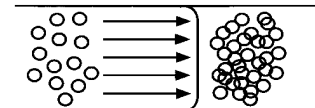
Laminar flow - In laminar flow, the individual fluid particles move up to certain speeds in uniform layers alongside each other. They scarcely disturb or influence each other.

Turbulent flow - If the value for Re exceeds 2300, flow becomes whirling and turbulent. The individual particles no longer move in one direction in an orderly fashion, but influence and hinder each other.

LAMINAR



TURBULENT



Certain fluid flow velocities have proved to be most suitable for hydraulic flow lines.

Recommended flow velocities:

Suction lines: 0.5 ... 1.2 m/s 1.6 ... 4 feet/s

Return lines: 2 ... 3 m/s 6.5 ... 10 feet/s

Pressure lines: 4 ... 7.5 m/s 13 ... 25 feet/s

It is therefore important to calculate correctly the required flow line sizes. Undersized pressure lines results in high fluid velocity causing an excessive pressure drop, and heat built up, which impair overall system performance. Undersized suction lines can cause cavitation at the hydraulic pump inlet, affecting performance, shortening pump life, and creating excessive noise levels.

The flow capacity nomogram on page (e) is an aid to determine the correct hose internal diameter size, desired flow rate and recommended velocity. By the use of any two known factors, the third can be determined.

1.2 Pressure:

After determining the system pressure for an hydraulic system, hose selection must be made so that the recommended maximum operating pressure specified by a given hose, is equal or greater than the system pressure. Dynamic pressure is common for all hydraulic systems.

Pressure surges which exceed the maximum working pressure (pressure relief valve setting) affect the service life of system components, including a hose assembly and therefore need to be taken into consideration. Hoses used for suction lines must be selected to ensure the hose will withstand the negative pressure of the system.

1.3 Temperature:

Care must be taken to ensure that the operating temperature of the fluid being conveyed and ambient temperatures, do not exceed the limitations of the hose. Special care must be taken when routing near hot manifolds or molten metal.

1.4 Fluid Compatibility:

Hose selection must assure compatibility of the hose tube, cover, reinforcement, and fittings with the fluid used. Additional caution must be observed in hose selection for gaseous applications. Some fire resistant fluids require the same hose as petroleum oil. Some use a special hose, while a few fluids will not work with any hose at all.

1.5 Permeation:

Permeation (that is, seepage through the hose) will occur from inside the hose to outside when hose is used with gases, liquid and gas fuels, and refrigerants (including but not limited to such materials such as helium, fuel oil, natural gas or freon). This permeation may result in high concentrations of vapours which are potentially flammable, explosive, or toxic, and in loss of fluid. Even though the fluid compatibility is acceptable, you must take into account the fact that permeation will occur and could be hazardous. Permeation of moisture from outside the hose to inside the hose will also occur. If this moisture permeation would have detrimental effects (particularly, but not limited to refrigeration and air conditioning systems), incorporation of sufficient drying capacity in the system or other appropriate system safeguards should be selected and used.

1.6 Routing:

Attention must be given to optimum routing to minimise inherent problems. Restrain, protect or guide hose with the use of clamps if necessary to minimise risk or damage due to excessive flexing, whipping or contact with other moving parts or corrosives. Determine hose lengths and configurations that will result in proper routing and protection from abrasion, snagging or kinking and provide leak resistant connections.

1.7 Environment:

Care must be taken to ensure that the hose and fittings are either compatible with or protected from the environment to which they are exposed. Environmental conditions including but not limited to ultraviolet light, heat, ozone, moisture, water, salt water, chemicals, and air pollutants can cause degradation and premature failure and, therefore, must be considered.

1.8 Mechanical Loads:

External forces can significantly reduce hose life. Mechanical loads which must be considered include excessive flexing, twist, kinking, tensile or side loads, bend radius, and vibration. Use of swivel type fittings or adaptors may be required to ensure no twist is put into the hose. Unusual applications may require special testing prior to hose selection.

1.9 Abrasion:

While a hose is designed with a reasonable level of abrasion resistance, care must be taken to protect the hose from excessive abrasion which can result in erosion, snagging, and cutting of the hose cover. Exposure of the reinforcement will significantly accelerate hose failure.

1.10 Proper End Fitting:

Care must be taken to ensure proper compatibility exists between the hose and coupling selected based on the manufacturer's recommendations substantiated by testing to industry standards such as SAEJ517, DIN 20024, JIS B 8360.

1.11 Length:

When establishing proper hose length, motion absorption, hose length changes due to pressure, as well as hose and machine tolerances must be considered.

1.12 Specifications and Standards:

When selecting hose and fittings, government, industry and manufacturer's specifications and recommendations must be reviewed as applicable.

1.13 Hose Cleanliness:

Hose components may vary in cleanliness levels. Care must be taken to ensure that the assemblies selected have an adequate level of cleanliness for the application.

1.14 Welding and Brazing:

Heating of plated parts, including hose fittings and adaptors, above 232° C (450° F) such as during welding, brazing, or soldering may emit deadly gases.

1.15 Electrical Conductivity:

Certain applications require that a hose be non-conductive to prevent electrical current flow. Other applications require the hose to be sufficiently conductive to drain off static electricity. Extreme care must be exercised when selecting hose and fittings for these or any other applications in which electrical conductivity or non-conductivity is a factor.

For application that require hose to be electrically non-conductive, including but not limited to applications near high voltage electric lines, only special non-conductive hose can be used.

The manufacturer of the equipment in which the non-conductive hose is to be used must be consulted to be certain that the hose and fittings that are selected are proper for the application.

Do not use any ALFAGOMMA hose or fitting for any application requiring non-conductive hose, including but not limited to applications near high voltage electric lines, unless the application is expressly approved in the ALFAGOMMA technical publication for the product, the hose is both orange in colour and marked "non-conductive", and the manufacturer of the equipment on which the hose is to be used specifically approves the particular ALFAGOMMA hose and fitting for such use.

ALFAGOMMA does not supply any hose or fittings for conveying paint in airless paint spraying or similar applications and therefore should not be used. A special hose and fitting assembly is required for this application, to avoid static electricity build-up which could cause a spark that may result in an explosion and/or fire.

The electrical conductivity or non-conductivity of hose and fittings is dependant upon many factors and may be susceptible to change.

These factors include but are not limited to the various materials used to make the hose and the fittings, manufacturing methods (including moisture control), how the fittings contact the hose, age and amount of deterioration of damage or others changes, moisture content of the hose at and particular time, and others factors.

2. INSTALLATION - After the selection of the correct hose, the following factors must be considered prior to hose and fitting assembly and installation.

2.1 Pre-Installation Inspection:

Prior to installation, a careful examination of the hose must be performed. All components must be checked for correct style, size, and length. The hose must be examined for cleanliness, obstructions, blisters, cover looseness, or any other visible defects.

2.2 Hose and Fitting Assembly:

Do not assemble an ALFAGOMMA fitting on an ALFAGOMMA hose that is not specified by ALFAGOMMA for that hose. Do not assemble ALFAGOMMA fittings on another manufacturer hose or an ALFAGOMMA hose on another manufacturer's fitting unless ALFAGOMMA approves the assembly in writing. The user verifies the assembly and the application through analysis and testing. The ALFAGOMMA published hose assembly instructions must be followed for assembling the fittings on the hose.

4.40 | Safety Guide

2.3 Related Accessories:

Crimp or swage ALFAGOMMA hose or fittings only with ALFAGOMMA approved swage or crimp machines and in accordance with the ALFAGOMMA published hose assembly instructions.

2.4 Parts:

Do not use any ALFAGOMMA hose fitting part (including but not limited to sockets, or inserts) except with the correct ALFAGOMMA mating parts, in accordance with ALFAGOMMA published hose assembly instructions, unless authorised in writing by ALFAGOMMA.

2.5 Field Attachable/Permanent:

Do not reuse any field attachable hose coupling that has blown or pulled off a hose. Do not reuse an ALFAGOMMA permanent (that is, crimped or swaged) hose fitting or any part thereof.

2.6 Minimum Bend Radius:

Installation of a hose at less than the minimum listed bend radius may significantly reduce the hose life. Particular attention must be given to avoid sharp bending at the hose/fitting juncture.

2.7 Twist Angle and Orientation:

Hose installations must be such that relative motion of machine components does not produce twisting.

2.8 Securement:

In many applications, it may be necessary to restrain, protect, or guide the hose to protect it from damage by unnecessary flexing, pressure surges, and contact with other mechanical components. Care must be taken to ensure such restraints do not introduce additional stress or wear points.

2.9 Proper Connection of Ports:

Proper physical installation of the hose requires a correctly installed port connection while ensuring that no twist or torque is transferred to the hose.

2.10 External Damage:

Proper installation is not complete without ensuring that tensile loads, side loads, kinking, flattening, potential abrasion, thread damage, or damage to sealing surfaces are corrected or eliminated.

2.11 System Checkout:

After completing the installation all air entrapment must be eliminated and the system pressurised to the maximum system pressure and checked for proper function without any leaks. Personnel must stay out of potential hazardous areas while testing.

3. HOSE AND FITTING MAINTENANCE INSTRUCTIONS

Even with proper selection and installation, hose life may be significantly reduced without a continuing maintenance program. Frequency should be determined by the severity of the application and risk potential. A maintenance program must be established and followed to include the following as a minimum:

3.1 Visual Inspection Hose/Fitting:

Any of the following conditions require immediate shut down and replacement of the hose assembly:

- Fitting slippage on hose.
- Damaged, cut or abraded cover (any reinforcement exposed).
- Hard, stiff, heat cracked, or charred hose.
- Cracked, damaged, or badly corroded fittings.
- Leaks at fitting or in hose.
- Kinked, crushed, flattened or twisted hose.
- Blistered, soft, degraded, or loose cover.

Pressure surges which exceed the maximum working pressure (pressure relief valve setting) affect the service life of system components, including a hose assembly and therefore need to be taken into consideration. Hoses used for suction lines must be selected to ensure the hose will withstand the negative pressure of the system.

3.2 Visual Inspection All Other:

The following items must be tightened, repaired or replaced as required:

- Leaking port conditions.
- Remove excess dirt build-up.
- Clamp, guards, shields.
- System fluid level, fluid type and any air entrapment.

3.3 Functional Test:

Operate the system at maximum operating pressure and check for possible malfunctions and freedom from leaks. Personnel must stay out of potential hazardous areas while testing.

3.4 Replacement Intervals:

Specific replacement intervals must be considered based on previous service life, government or industry recommendations, or when failures could result in unacceptable downtime, damage, or injury risk.

Flow capacity nomogram

Flow Capacities of Hose at Recommended Flow Velocities

The chart below is provided as an aid in the determination of the correct hose size.

Example: at 10 gallons per minute (gal/mm), what is the proper hose size within the recommended velocity range for pressure lines?

Locate 10 gallons per minute in the left-hand column and 25 feet per second in the right -hand column (the maximum recommended velocity range for pressure lines.)

Lay a straight line across these two points. The inside diameters shown in the centre column is above -8 so we have to use -1 0 (5/8")

For suction hose, follow the same procedure except use recommended velocity range for intake lines in the right hand column.

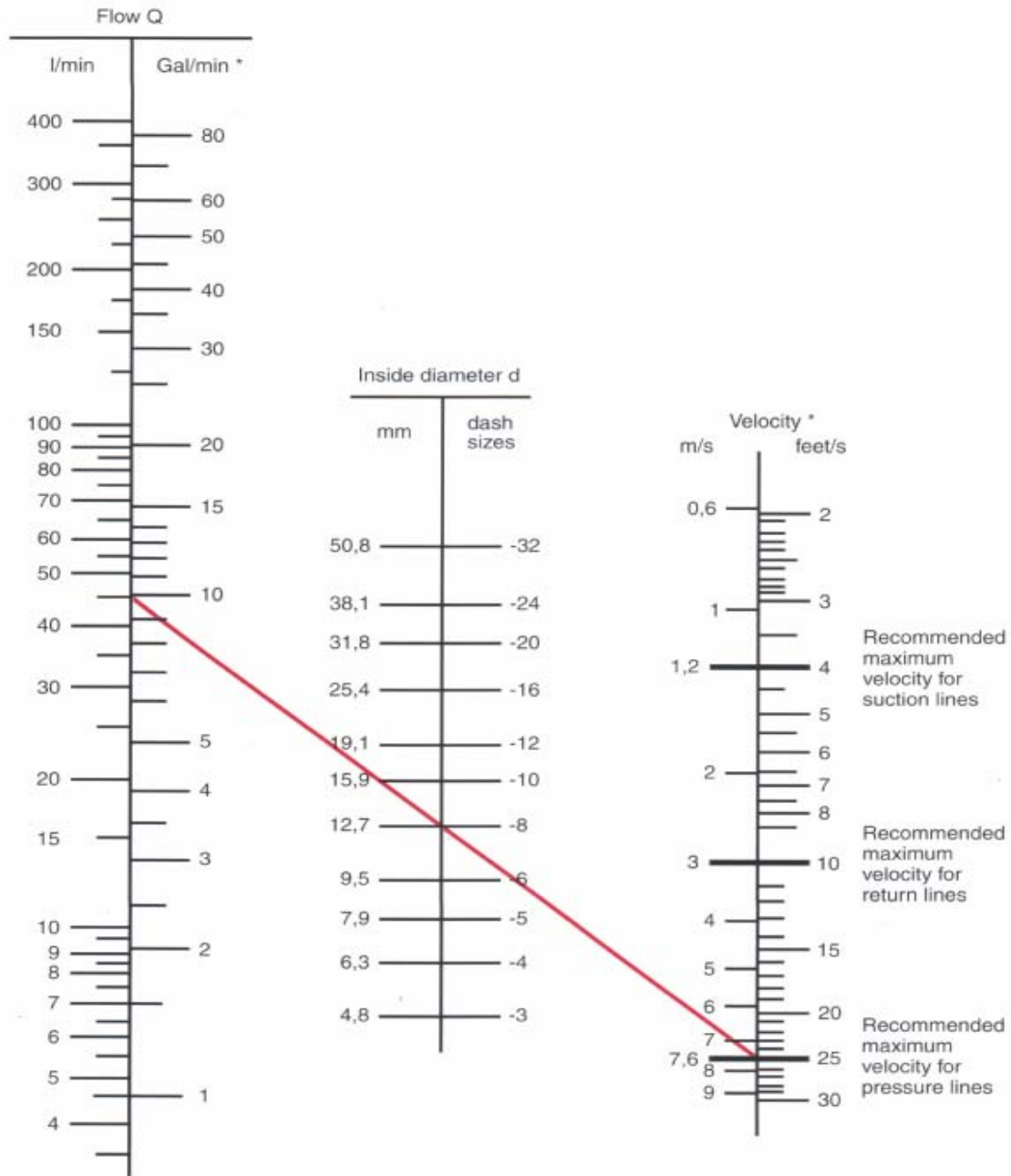
where:

Q = flow in gallons per minute (gal/mm & l/mm)

V = velocity in Feet per seconds (fps & m/s)

d = hose inside diameter (mm & dash size)

ALFAGOMMA HYDRAULIC HOSE FLOW CAPACITY NOMOGRAM



* gallons are UK gallons

Conversion rate:

$$\text{gal/min} \times 4,456 = \text{l/min}$$

$$\text{feet/s} \times 0,3048 = \text{m/s}$$

* Recommended velocities are according to hydraulic fluids of maximum viscosity 315 S.S.U at 38 °C working at room temperatures within 18 and 68 °C.

4.42 | Thermoplastic

8G1LA



FLEXOR 7 SAE 100 R7 - EN 855 R7

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8G1LA00500AG00	NS	4.8	3/16	-3	9.6	21	3000	84	12000	75	0.07
8G1LA00600AG00	LS	6.4	1/4	-4	12.2	21	3000	84	12000	100	0.10
8G1LA00800AG00	NS	7.9	5/16	-5	14.4	18	2500	70	10000	115	0.13
8G1LA01000AG00	LS	9.5	3/8	-6	15.9	16	2250	62	9000	125	0.15
8G1LA01200AG00	NS	12.7	1/2	-8	20.3	14	2000	56	8000	175	0.22

TUBE: THERMOPLASTIC POLYESTER
REINF.: TWO HIGH TENSILE TEXTILE BRAIDS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT THERMOPLASTIC POLYURETHANE - PIN PRICKED
APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +93°C - AMBIENT: -40°C +80°C
LENGTH: RANDOM
NOTE: ALSO AVAILABLE IN ORANGE NON CONDUCTIVE

8G0LA



FLEXOR 7 - TWIN SAE 100 R7 - EN 855 R7

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8G0LA00500AG00	NS	4.8	3/16	-3	9.6	21	3000	84	12000	75	0.13
8G0LA00600AG00	NS	6.4	1/4	-4	12.2	21	3000	84	12000	100	0.19
8G0LA00800AG00	NS	7.9	5/16	-5	14.4	18	2500	70	10000	115	0.25
8G0LA01000AG00	LS	9.5	3/8	-6	15.9	16	2250	62	9000	125	0.29
8G0LA01200AG00	NS	12.7	1/2	-8	20.3	14	2000	56	8000	175	0.43

TUBE: THERMOPLASTIC POLYESTER
REINF.: TWO HIGH TENSILE TEXTILE BRAIDS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT THERMOPLASTIC POLYURETHANE - PIN PRICKED
APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +93°C - AMBIENT: -40°C +80°C
LENGTH: RANDOM
NOTE: ALSO AVAILABLE IN ORANGE NON CONDUCTIVE

8H4L A



FLEXOR 8 SAE 100 R8 - EN 855 R8

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8H4LA005000000	NS	4.8	3/16	-3	9.5	35	5000	140	20000	75	0.06
8H4LA006000000	LS	6.4	1/4	-4	12.2	35	5000	140	20000	100	0.10
8H4LA008000000	NS	7.9	5/16	-5	14.0	30.5	4500	122	18000	115	0.12
8H4LA010000000	LS	9.5	3/8	-6	16.0	27.5	4000	110	16000	125	0.14
8H4LA012000000	LS	12.7	1/2	-8	20.2	24	3500	96	14000	175	0.21

TUBE: THERMOPLASTIC POLYESTER
REINF.: TWO HIGH TENSILE TEXTILE BRAIDS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT THERMOPLASTIC POLYURETHANE - PIN PRICKED
APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +93°C - AMBIENT: -40°C +80°C
LENGTH: RANDOM
NOTE: ALSO AVAILABLE IN ORANGE NON CONDUCTIVE

4.43 | Textile Braid

806AA



FLEXOR 6 SAE 100 R6 - EN 854 R6

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
806AA00600MJA8	LS	6.4	1/4	-4	13.1	3	400	11	1600	64	0.13
806AA00800MJA8	LS	7.9	5/16	-5	14.3	3	400	11	1600	76	0.13
806AA01000MJA8	LS	9.5	3/8	-6	15.9	3	400	11	1600	76	0.17
806AA01200MJA8	LS	12.7	1/2	-8	19.8	3	400	11	1600	102	0.23
806AA01600MJA8	LS	15.9	5/8	-10	23.0	2	350	10	1400	107	0.27
806AA02000MJA8	LS	19.0	3/4	-12	26.9	2	300	8	1200	152	0.37
806AA02500MJA8*	LS	25.4	1	-16	33.4	2	250	7	1000	203	0.49

*Alfagomma proprietary hose. Not listed in SAE J517 100 R6 specifications

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: ONE HIGH TENSILE TEXTILE BRAID
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: LOW PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER SPECIALLY DESIGNED FOR USE IN "PUSH ON" APPLICATIONS.
TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
LENGTH: RANDOM

870AA



FLEXOR 3 SAE 100 R3 - EN 854 R3

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
870AA00600MXA8	NS	6.4	1/4	-4	14.3	9	1250	35	5000	76	0.18
870AA00800MXA8	NS	7.9	5/16	-5	17.5	8	1200	33	4800	102	0.24
870AA01000MXA8	LS	9.5	3/8	-6	19.1	8	1125	31	4500	102	0.25
870AA01200MXA8	NS	12.7	1/2	-8	23.8	7	1000	28	4000	127	0.38
870AA01600MXA8	NS	15.9	5/8	-10	27.0	6	875	24	3500	140	0.46
870AA02000MXA8	NS	19.0	3/4	-12	31.8	5	750	21	3000	152	0.63
870AA02500MXA8	NS	25.4	1	-16	38.1	4	565	16	2260	203	0.76
870AA03245MXA8	NS	31.8	1 1/4	-20	45.0	3	377	10	1508	254	0.94

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE TEXTILE BRAID
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: MEDIUM PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
LENGTH: RANDOM

865AA



FLEXOR 3TE EN 854 3TE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
865AA00600HUA8	NS	6.4	1/4	-4	14.4	15	2100	58	8400	45	0.16
865AA00800HUA8	NS	7.9	5/16	-5	16.9	13	1900	52	7600	55	0.20
865AA01000HUA8	NS	9.5	3/8	-6	18.5	11	1600	44	6400	70	0.24
865AA01200HUA8	NS	12.7	1/2	-8	21.7	9	1350	37	5400	85	0.30
865AA01600HUA8	NS	15.9	5/8	-10	25.9	8	1150	32	4600	105	0.41
865AA02000HUA8	NS	19.0	3/4	-12	29.0	7	1000	28	4000	130	0.49
865AA02500HUA8	NS	25.4	1	-16	35.9	6	800	22	3200	150	0.65

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE TEXTILE BRAIDS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: MEDIUM PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
LENGTH: RANDOM

4.44 | Wire Braid

836AA



FLEXOR 1SN - R1AT - MSHA EN 853 1SN (up to 2") - SAE100 R1AT

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
836AA00500MAA8R	NS	4.8	3/16	-3	11.8	25	3630	100	14520	90	0.18
836AA00600MAA8R	LS	6.4	1/4	-4	13.4	23	3270	90	13080	100	0.22
836AA00800MAA8R	LS	7.9	5/16	-5	15.0	22	3120	86	12480	115	0.26
836AA01000MAA8R	LS	9.5	3/8	-6	17.4	18	2610	72	10460	130	0.33
836AA01200MAA8R	LS	12.7	1/2	-8	20.6	16	2320	64	9280	180	0.42
836AA01600MAA8R	LS	15.9	5/8	-10	23.7	13	1890	52	7560	200	0.51
836AA02000MAA8R	LS	19.0	3/4	-12	27.7	11	1530	42	6120	240	0.62
836AA02500MAA8	LS	25.4	1	-16	35.6	9	1280	35	5120	300	0.92
836AA03244M1A8	NS	31.8	1 1/4	-20	43.5	6	920	25	3680	420	1.20
836AA03851M1A8	NS	38.1	1 1/2	-24	50.6	5	730	20	2920	500	1.48
836AA0516463A8	NS	50.8	2	-32	64.0	4	580	16	2320	630	2.00

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: ONE HIGH TENSILE STEEL BRAID
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
LENGTH: RANDOM UP TO 1", 40M MAX OVER 1"

836AH



FLEXOR 1SN - R1AT - MSHA FIRE SUPPRESSION HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
836AH00600MYA8R	LS	4.8	1/4	-4	13.4	23	3270	90	13080	100	0.22
836AH01000MYA8R	LS	9.5	3/8	-6	17.4	18	2610	72	10460	130	0.32
836AH01200MYA8R	LS	12.7	1/2	-8	20.6	16	2320	64	9280	180	0.42
836AH02000MYA8R	LS	19.0	3/4	-12	27.7	11	1530	42	6120	240	0.61

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: ONE HIGH TENSILE STEEL BRAID
COVER: WEATHER, OIL ABRASION AND OZONE RESISTANT SYNTHETIC RUBBER
APPLIC.: SPECIALLY DESIGNED FOR FIRE SUPPRESSION UNITS
TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
LENGTH: RANDOM

841AA



FLEXOR 2ST - R2A - MSHA EN 853 2ST (up to 2") - SAE100 R2A

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
841AA00600MAA8	NS	6.4	1/4	-4	17.5	40	5800	160	23200	100	0.42
841AA00800MAA8	NS	7.9	5/16	-5	19.1	35	5000	140	20000	115	0.50
841AA01000MAA8	NS	9.5	3/8	-6	21.4	33	4800	132	19200	130	0.60
841AA01200MAA8	NS	12.7	1/2	-8	24.6	28	4000	112	16000	180	0.74
841AA01600MAA8	NS	15.9	5/8	-10	27.8	25	3630	100	14520	200	0.86
841AA02000MAA8	NS	19.0	3/4	-12	31.8	22	3120	86	12480	240	1.05
841AA02500MAA8	NS	25.4	1	-16	39.7	17	2400	66	9600	300	1.41
841AA03251M1A8	LS	31.8	1 1/4	-20	50.8	13	1820	50	7280	420	2.14
841AA03857M1A8	LS	38.1	1 1/2	-24	57.2	9	1310	36	5240	500	2.55
841AA0517021A8	LS	50.8	2	-32	69.8	8	1160	32	4640	630	3.34
841AA063837IA8	LS	63.5	2 1/2	-40	83.0	7	1000	28	4000	760	3.96
841AA076967IA8	NS	76.2	3	-48	96.0	6	800	22	3200	900	4.96

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE STEEL BRAIDS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
LENGTH: RANDOM UP TO 1", 40M MAX OVER 1"

4.45 | Wire Braid

846AA



FLEXOR2SN - MSHA EN 853 2SN - SAE 100 R2AT

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
846AA00500MAA8R	NS	4.8	3/16	-3	13.4	42	6000	168	24000	90	0.29
846AA00600MAA8R	LS	6.4	1/4	-4	15.0	40	5800	160	23200	100	0.36
846AA00800MAA8R	LS	7.9	5/16	-5	16.7	35	5000	140	20000	115	0.42
846AA01000MAA8R	LS	9.5	3/8	-6	19.1	33	4800	132	19200	125	0.51
846AA01200MAA8R	LS	12.7	1/2	-8	22.2	28	4000	112	16000	175	0.64
846AA01600MAA8R	LS	15.9	5/8	-10	25.4	25	3630	100	14520	200	0.74
846AA02000MAA8R	LS	19.0	3/4	-12	29.3	22	3120	86	12480	240	0.91
846AA02500MAA8R	LS	25.4	1	-16	38.1	17	2400	66	9600	300	1.32
846AA03248M2A8	LS	31.8	1 1/4	-20	48.3	13	1820	50	7280	420	1.93
846AA03855M2A8	LS	38.1	1 1/2	-24	54.6	9	1310	36	5240	500	2.41
846AA051676HA8	LS	50.8	2	-32	67.4	8	1160	32	4640	630	2.96

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE STEEL BRAIDS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
LENGTH: RANDOM UP TO 1", 40M MAX OVER 1"

8D8AA



FLEXOPAKPLT ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8D8AA00500DKB8	NS	4.8	3/16	-3	9.6	12	1750	48	7000	20	0.10
8D8AA00600DKB8	NS	6.4	1/4	-4	11.4	12	1750	48	7000	30	0.14
8D8AA00800DKB8	NS	7.9	5/16	-5	13.0	12	1750	48	7000	40	0.17
8D8AA01000DKB8	NS	9.5	3/8	-6	14.7	12	1750	48	7000	60	0.20
8D8AA01200DKB8	NS	12.7	1/2	-8	17.4	12	1750	48	7000	80	0.23

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: ONE HIGH TENSILE STEEL BRAID
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: MEDIUM PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 SPECIALLY DESIGNED FOR HYDRAULIC PILOT LINES.
TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
LENGTH: RANDOM

822AA



FLEXOPAK2 - MSHA SAE 100 R16 - EN 857 2SC

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
822AA00600M8B8	NS	6.4	1/4	-4	13.2	40	5800	160	23200	50	0.27
822AA00800M8B8	NS	7.9	5/16	-5	14.5	35	5000	140	20000	55	0.31
822AA01000M8B8	NS	9.5	3/8	-6	17.0	33	4800	132	19200	65	0.36
822AA01200M8B8	NS	12.7	1/2	-8	20.3	27.5	4000	110	16000	90	0.47
822AA01600M8B8	NS	15.9	5/8	-10	23.9	25	3630	100	14520	100	0.57
822AA02000M8B8	NS	19.0	3/4	-12	27.7	21.5	3120	86	12480	125	0.76
822AA02500M8B8	NS	25.4	1	-16	34.6	16.5	2400	66	9600	150	1.13

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE STEEL BRAIDS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
LENGTH: RANDOM

4.46 | Wire Braid

805AA



FLEXOR5 SAE 100 R5

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
805AA00500MCA8	LS	4.8	3/16	-4	13.2	21	3000	83	12000	76	0.22
805AA00600MCA8	LS	6.4	1/4	-5	14.8	21	3000	83	12000	86	0.27
805AA00800MCA8	LS	7.9	5/16	-6	17.3	16	2250	62	9000	102	0.33
805AA01100MCA8	LS	10.3	13/32	-8	19.5	14	2000	55	8000	117	0.45
805AA01200MCA8	LS	12.7	1/2	-10	23.4	12	1750	48	7000	140	0.55
805AA01600MCA8	LS	15.9	5/8	-12	27.4	10	1500	41	6000	165	0.67
805AA02200MCA8	LS	22.2	7/8	-16	31.4	6	800	22	3200	187	0.71
805AA02800CA8	LS	28.6	1 1/8	-20	38.1	4	625	17	2500	229	0.87
805AA03500CA8	NS	34.9	1 3/8	-24	44.5	3	500	14	2000	267	1.09
805AA04500CA8	NS	46.0	1 13/16	-32	56.4	2	350	10	1400	337	1.35

TUBE: OIL RESISTANT SYNTHETIC RUBBER
 REINF.: ONE HIGH TENSILE STEEL BRAID
 COVER: BRAIDED HIGH TENSILE TEXTILE CORDS
 APPLIC.: MEDIUM PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
 LENGTH: RANDOM

814AE



TEMP TECH 1SN - BLUE COVER EN 853 1SN - SAE100 RIAT

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
814AE00600CAB8	NS	6.4	1/4	-4	13.4	23	3270	90	13080	100	0.22
814AE01000CAB8	NS	9.5	3/8	-6	17.4	18	2610	72	10460	130	0.32
814AE01200CAB8	NS	12.7	1/2	-8	20.6	16	2320	64	9280	180	0.42
814AE02000CAB8	NS	19	3/4	-12	27.7	11	1530	42	6120	240	0.61
814AE02500CAB8	NS	25.4	1	-16	35.6	9	1280	35	5120	300	0.93
814AE03200CAB8	NS	31.8	1 1/4	-20	43.5	6	920	25	3680	420	1.29
814AE03800CAB8	NS	38.1	1 1/2	-24	50.6	5	730	20	2920	500	1.48

TUBE: OIL RESISTANT SYNTHETIC RUBBER
 REINF.: ONE HIGH TENSILE STEEL BRAID
 COVER: WEATHER, OIL ABRASION AND OZONE RESISTANT SYNTHETIC RUBBER
 APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 SPECIALLY DESIGNED FOR HIGH TEMPERATURE APPLICATIONS.
 TEMP.: CONSTANT OPERATION: -40°C +150°C
 LENGTH: RANDOM UP TO 1" - 40MT, MAX OVER 1"

828AE



TEMP TECH 2SN - BLUE COVER EN 853 2SN - SAE100 R2AT

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
828AE00600T7C8	LS	6.4	1/4	-4	15.0	40	5800	160	23200	100	0.36
828AE01000T7C8	LS	9.5	3/8	-6	19.1	33	4800	132	19200	125	0.51
828AE01200T7C8	LS	12.7	1/2	-8	22.2	28	4000	112	16000	175	0.64
828AE01600T7C8	NS	15.9	5/8	-10	25.4	25	3630	100	14520	200	0.74
828AE02000T7C8	LS	19.0	3/4	-12	29.3	22	3120	86	12480	240	0.91
828AE02500T7C8	LS	25.4	1	-16	38.1	17	2400	66	9600	300	1.32
828AE03248T7C8	NS	31.8	1 1/4	-20	48.3	13	1820	50	7280	420	1.93
828AE03855T7C8	LS	38.1	1 1/2	-24	54.6	9	1310	36	5240	500	2.41
828AE05167T7C8	LS	50.8	2	-32	67.4	8	1160	32	4640	630	2.96

TUBE: OIL RESISTANT SYNTHETIC RUBBER
 REINF.: TWO HIGH TENSILE STEEL BRAIDS
 COVER: WEATHER, OIL ABRASION AND OZONE RESISTANT SYNTHETIC RUBBER
 APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 SPECIALLY DESIGNED FOR HIGH TEMPERATURE APPLICATIONS.
 TEMP.: CONSTANT OPERATION: -40°C +150°C
 LENGTH: RANDOM UP TO 1" - 40MT, MAX OVER 1"

4.47 | Wire Spiral

850AA



FLEXOR 4SP - MSHA EN 856 4SP

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
850AA00600PEB8	LS	6.4	1/4	-4	17.9	45	6550	180	26200	150	0.58
850AA01000PEB8	LS	9.5	3/8	-6	21.4	45	6450	178	25800	180	0.74
850AA01200PEB8	LS	12.7	1/2	-8	24.6	42	6000	166	24000	230	0.88
850AA01600PEB8	LS	15.9	5/8	-10	28.2	35	5000	140	20000	250	1.09
850AA02000PEB8	LS	19.0	3/4	-12	32.2	38	5510	152	22040	300	1.44
850AA02500PEB8	LS	25.4	1	-16	39.7	28	4640	128	18560	340	1.98

TUBE: OIL RESISTANT SYNTHETIC RUBBER
 REINF.: FOUR HIGH TENSILE STEEL SPIRALS
 COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
 APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
 LENGTH: RANDOM

855AA



FLEXOR 4SH - MSHA EN 856 4SH

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
855AA02000RFB8	LS	19.0	3/4	-12	32.2	42	6000	168	24000	280	1.58
855AA02500RFB8	LS	25.4	1	-16	38.7	38	5500	152	22000	340	1.95
855AA03200RFB8	LS	31.8	1 1/4	-20	45.5	35	5000	140	20000	460	2.47
855AA03800RFB8	LS	38.1	1 1/2	-24	53.5	29	4200	116	16800	560	3.27
855AA05100RFB8	LS	50.8	2	-32	68.1	25	3650	100	14600	700	4.67

TUBE: OIL RESISTANT SYNTHETIC RUBBER
 REINF.: FOUR HIGH TENSILE STEEL SPIRALS
 COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
 APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
 LENGTH: RANDOM UP TO 1", 40M MAX OVER 1"

898AB



FLEXOR 12G MSHA - GREY COVER SAE 100 R12 - EN 856 R12

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
898AB01000RSB8	LS	9.5	3/8	-6	20.3	28	4000	112	16000	127	0.61
898AB01200RSB8	LS	12.7	1/2	-8	23.8	28	4000	112	16000	178	0.76
898AB01600RSB8	LS	15.9	5/8	-10	27.4	28	4000	112	16000	203	1.02
898AB02000RSB8	LS	19.0	3/4	-12	30.7	28	4000	112	16000	241	1.19
898AB02500RSB8	LS	25.4	1	-16	38.0	28	4000	112	16000	305	1.76
898AB03200RSB8	LS	31.8	1 1/4	-20	47.0	21	3000	84	12000	419	2.69
898AB03800RSB8	LS	38.1	1 1/2	-24	53.5	18	2500	70	10000	508	3.08
898AB05100RSB8	LS	50.8	2	-32	66.7	18	2500	70	10000	635	3.97

898AA05100RTB8*	LS	50.8	2	-32	66.7	18	2500	70	10000	635	3.97
898AA06300RTB8*	LS	63.0	2 1/2	-40	81.2	14	2030	56	8120	720	6.36

*Black cover

TUBE: OIL RESISTANT SYNTHETIC RUBBER
 REINF.: FOUR WIRE SPIRAL
 COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
 APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 TEMP.: CONSTANT OPERATION: -40°C +121°C - AMBIENT: -40°C +80°C
 LENGTH: RANDOM UP TO 1", 40M MAX OVER 1"

4.48 | Wire Spiral

809AA



FLEXOR 13 - MSHA SAE 100 R13 - EN856 R13

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
809AA02000ARB8**	LS	19.0	3/4	-12	32.1	35	5000	140	20000	241	1.60
809AA02500ARB8**	LS	25.4	1	-16	38.7	38	5500	152	22000	305	2.00
809AA03200ARB8	LS	31.8	1 1/4	-20	49.8	35	5000	140	20000	419	3.60
809AA03800ARB8	LS	38.1	1 1/2	-24	57.3	35	5000	140	20000	508	4.80
809AA05100ARB8	LS	50.8	2	-32	70.9	35	5000	140	20000	635	6.60

** Four steel wire spiral

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: FOUR / SIX HIGH TENSILE STEEL SPIRALS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +121°C - AMBIENT -40°C +80°C
LENGTH: RANDOM UP TO 1" - 40MT, MAX OVER 1"

809AH



FLEXOR 13R MSHA - RED COVER SAE 100 R13 - EN856 R13

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
809AH02000ASB8**	NS	19.0	3/4	-12	32.1	35	5000	140	20000	241	1.63
809AH02500ASB8**	NS	25.4	1	-16	38.7	38	5500	152	22000	305	2.04
809AH03200ASB8	NS	31.8	1 1/4	-20	49.8	35	5000	140	20000	419	3.64
809AH03800ASB8	NS	38.1	1 1/2	-24	57.3	35	5000	140	20000	508	4.89
809AH05100ASB8	NS	50.8	2	-32	70.9	35	5000	140	20000	635	6.62

** Four steel wire spiral

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: FOUR / SIX HIGH TENSILE STEEL SPIRALS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +121°C - AMBIENT -40°C +80°C
LENGTH: RANDOM UP TO 1" - 40MT, MAX OVER 1"

4.49 | Pressure Rated Range

AT3K



ALFATECH 3000 - MSHA SAE100 R17 - EN 857 1SC (up to 3/8")

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
833AA00600M7B8	LS	6.4	1/4	-4	12.1	23	3250	90	13000	50	0.17
833AA01000M7B8	LS	9.5	3/8	-6	15.6	21	3000	84	12000	65	0.26
833AA01200M7B8	NS	12.7	1/2	-8	19.5	21	3000	84	12000	90	0.36

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: ONE HIGH TENSILE STEEL BRAID
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
LENGTH: RANDOM

AT4K



ALFATECH 4000 - MSHA ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
898AA01200RTB8	LS	12.7	1/2	-8	23.8	28	4000	112	16000	90	0.81
898AA02000RTB8	LS	19.0	3/4	-12	30.7	28	4000	112	16000	130	1.23
898AA02500RTB8	LS	25.4	1	-16	38.0	28	4000	112	16000	150	1.80
894AA03200ASA8	LS	31.8	1 1/4	-20	47.5	28	4000	112	16000	230	2.47
855AA03800RFB8	LS	38.1	1 1/2	-24	53.5	29	4200	116	16800	560	3.27
894AA05100ASA8	LS	50.8	2	-32	68.1	28	4000	112	16000	590	4.67

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: FOUR HIGH TENSILE STEEL SPIRALS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +121°C - AMBIENT: -40°C +80°C
LENGTH: RANDOM UP TO 1", 40M MAX OVER 1"

AT5K



ALFATECH 5000 - MSHA ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
896AA00600MUA8*	LS	6.4	1/4	-4	13.2	35	5000	140	20000	51	0.26
896AA01000MUA8*	LS	9.5	3/8	-6	15.0	35	5000	140	20000	64	0.40
896AA01200MUA8*	LS	12.7	1/2	-8	22.2	35	5000	140	20000	80	0.67
850AA01600PEB8**	LS	15.9	5/8	-10	28.2	35	5000	140	20000	125	1.05
850AA02000PEB8**	LS	19.0	3/4	-12	32.2	38	5500	152	22000	140	1.49
855AA02500RFB8**	LS	25.4	1	-16	38.7	38	5500	152	22000	190	1.94
855AA03200RFB8**	LS	31.8	1 1/4	-20	45.5	35	5000	140	20000	240	2.47
809AA03800ARB8	LS	38.1	1 1/2	-24	57.3	35	5000	140	20000	475	4.83
809AA05100ARB8	LS	50.8	2	-32	71.1	35	5000	140	20000	545	6.54
896AA06300ATA8	NS	63.5	2 1/2	-40	83.8	35	5000	140	20000	895	8.77

* Two steel wire braids
 ** Four steel wire spiral

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE STEEL BRAIDS, FOUR/SIX HIGH TENSILE STEEL SPIRALS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
TEMP.: CONSTANT OPERATION: -40°C +100°C for braided hoses; +121°C for spiral hoses - AMBIENT: -40°C +80°C
LENGTH: RANDOM UP TO 1", 40M MAX OVER 1"

4.50 | Pressure Rated Range

AT6K



ALFATECH 6000 - MSHA SAE 100 R15

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
850AA00600PEB8	LS	6.4	1/4	-4	17.9	45	6550	180	26200	150	0.58
850AA01000PEB8	LS	9.5	3/8	-6	21.4	45	6450	178	25800	180	0.74
850AA01200PEB8	LS	12.7	1/2	-8	24.6	42	6000	166	24000	230	0.88
897AA01600AUA8	NS	15.9	5/8	-10	28.6	42	6000	168	24000	250	1.32
855AA02000RFB8	LS	19.0	3/4	-12	32.2	42	6000	168	24000	267	1.62
897AA02500AUA8	LS	25.4	1	-16	38.7	42	6000	168	24000	280	2.20
897AA03200AUA8*	LS	31.8	1 1/4	-20	49.8	42	6000	168	24000	280	3.59
897AA03800AUA8*	LS	38.1	1 1/2	-24	57.3	42	6000	168	24000	315	5.00
897AA05100AUA8*	NS	50.8	2	-32	72.0	42	6000	168	24000	600	7.08

* Six spiral

TUBE: OIL RESISTANT SYNTHETIC RUBBER
 REINF.: FOUR/SIX HIGH TENSILE STEEL SPIRALS
 COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
 APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 TEMP.: CONSTANT OPERATION: -40°C +121°C - AMBIENT TEMPERATURE: -40°C +80°C
 LENGTH: RANDOM UP TO 1", 40M MAX OVER 1"

AT7K



ALFATECH 7000 - MSHA ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8D4AA01600AJA8	NS	15.9	5/8	-10	28.6	49	7000	196	28000	250	1.32

TUBE: OIL RESISTANT SYNTHETIC RUBBER
 REINF.: FOUR HIGH TENSILE STEEL SPIRALS
 COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
 APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 TEMP.: CONSTANT OPERATION: -40°C +121°C - AMBIENT TEMPERATURE: -40°C +80°C
 LENGTH: RANDOM

AT8K



ALFATECH 8000 - MSHA ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8E9AA02000RYA8	NS	19.0	3/4	-12	34.4	56	8000	224	32000	270	2.28
8E9AA02500RYA8	NS	25.4	1	-16	42.1	56	8000	224	32000	300	3.22

TUBE: OIL RESISTANT SYNTHETIC RUBBER
 REINF.: SIX HIGH TENSILE STEEL SPIRALS
 COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
 APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 TEMP.: CONSTANT OPERATION: -40°C +121°C - AMBIENT TEMPERATURE: -40°C +80°C
 LENGTH: RANDOM

4.51 | Minetuff - Abrasion Resistant

AT4K-MINETUFF



ALFATECH 4000 MINETUFF - MSHA ALFAGOMMA PROPRIETARY HOS E

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8N1AA00800SEB8*	NS	8.0	5/16	-5	14.5	29.3	4240	117	16960	57	0.30
8N1AA01000SEB8*	NS	9.5	3/8	-6	17.0	28	4000	112	16000	64	0.35
8N1AA01200SEB8*	NS	12.7	1/2	-8	20.6	28	4000	112	16000	90	0.52
8N1AA01600SEB8*	NS	15.9	5/8	-10	23.7	28	4000	112	16000	101	0.60
8N1AA02000R6B8	NS	19.0	0.75	-12	30.7	28	4000	112	16000	130	1.20
8N1AA02500R6B8	NS	25.4	1	-16	38.0	28	4000	112	16000	150	1.77
8N1AA03200R6B8	NS	31.8	1 1/4	-20	47.5	28	4000	112	16000	230	2.65
8N1AA03800R6B8	NS	38.1	1 1/2	-24	53.5	29	4200	116	16800	450	3.29
8N1AA05100R6B8	NS	50.8	2	-32	68.1	28	4000	112	16000	590	4.71

* Two steel wire braids

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE STEEL BRAIDS, FOUR HIGH TENSILE STEEL SPIRALS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 SPECIAL "MINETUFF COVER" FOR LONG LASTING LIFE IN HEAVY DUTY
 HIGH ABRASION APPLICATIONS.
TEMP.: CONSTANT OPERATION: -40°C +100°C for braided hoses; +121°C for spiral hoses - AMBIENT: -40°C +80°C
LENGTH: RANDOM

AT5K-MINETUFF



ALFATECH 5000 MINETUFF - MSHA ALFAGOMMA PROPRIETARY HOS E

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8N2AA00600SGB8*	NS	6.4	1/4	-4	13.2	35	5000	140	20000	51	0.26
8N2AA00800SGB8*	NS	8	5/16	-5	15	38	5500	150	22000	57	0.31
8N2AA01000SGB8*	NS	9.5	3/8	-6	17.4	35	5000	140	20000	64	0.4
8N2AA01200SGB8*	NS	12.7	1/2	-8	20.7	35	5000	140	20000	101	0.79
8N2AA01600R7A8**	NS	15.9	5/8	-10	28.2	35	5000	140	20000	125	1.06
8N2AA02000R7A8**	NS	19	3/4	-12	32.2	38	5510	152	22040	140	1.45
8N2AA02500R7A8**	NS	25.4	1	-16	38.7	38	5510	152	22040	190	1.97
8N2AA03200R7A8**	NS	31.8	1 1/4	-20	45.5	35	5000	140	20000	240	2.48
8N2AA03800R7A8	NS	38.1	1 1/2	-24	57.3	35	5000	140	20000	475	4.84
8N2AA05100R7A8	NS	50.8	2	-32	71.1	35	5000	140	20000	545	6.58

* Two steel wire braids

** Four steel wire spiral

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE STEEL BRAIDS, FOUR/SIX HIGH TENSILE STEEL SPIRALS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 SPECIAL "MINETUFF COVER" FOR LONG LASTING LIFE IN HEAVY DUTY
 HIGH ABRASION APPLICATIONS.
TEMP.: CONSTANT OPERATION: -40°C +100°C for braided hoses; +121°C for spiral hoses - AMBIENT: -40°C +80°C
LENGTH: RANDOM

4.52 | Supertuff - Abrasion Resistant

AT3K-SUPERTUFF



ALFATECH 3000 SUPERTUFF - MSHA EN 857 2SC

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8A9AA02000UJB8	LS	19	3/4	-12	27.7	24	3500	96	14000	121	0.81
8A9AA02500UJB8	NS	25.4	1	-16	35.6	21	3000	84	12000	150	1.23

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE STEEL BRAIDS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 SPECIAL " SUPERTUFF COVER" FOR LONG LASTING LIFE IN HEAVY DUTY
 HIGH ABRASION APPLICATIONS
TEMP.: CONSTANT OPERATION: -40°C +100°C (T max air = +70°C) - AMBIENT: -40°C +80°C
LENGTH: RANDOM

AT5K-SUPERTUFF



ALFATECH 5000 SUPERTUFF - MSHA ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8A6AA00600HHA8*	LS	6.4	1/4	-4	13.2	35	5000	140	20000	51	0.26
8A9AA01000UJB8*	LS	9.5	3/8	-6	17.4	35	5000	140	20000	64	0.39
8A6AA01200HHA8*	LS	12.7	1/2	-8	22.2	35	5000	140	20000	150	0.66
8A6AA01600HHA8**	NS	15.9	5/8	-10	28.2	35	5000	140	20000	125	1.05
8A6AA02000HHA8**	LS	19.0	3/4	-12	32.2	38	5510	152	22040	140	1.45
8A6AA02500HHA8**	LS	25.4	1	-16	38.7	38	5510	152	22040	190	1.94
8B9AA03200HHA8**	LS	31.8	1 1/4	-20	45.5	35	5000	140	20000	460	2.47
8A6AA03800HHA8	LS	38.1	1 1/2	-24	57.3	35	5000	140	20000	475	4.88
8A6AA05100HHA8	LS	50.8	2	-32	71.1	35	5000	140	20000	545	6.62

* Two steel wire braid
 ** Four steel wire braid

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE STEEL BRAIDS, FOUR/SIX HIGH TENSILE STEEL SPIRALS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 SPECIAL " SUPERTUFF COVER" FOR LONG LASTING LIFE IN HEAVY DUTY
 HIGH ABRASION APPLICATIONS.
TEMP.: CONSTANT OPERATION: -40°C +100°C for braided hoses; +121°C for spiral hoses - AMBIENT: -40°C +80°C
LENGTH: RANDOM UP TO 1" - 40MT, OVER 1"

AT6K-SUPERTUFF



ALFATECH 6000 SUPERTUFF - MSHA SAE 100 R15

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8L7AA01200T8C8	NS	12.7	1/2	-8	24.6	42	6000	168	24000	230	0.90
8L7AA02000T8C8	NS	19.0	3/4	-12	32.2	42	6000	168	24000	267	1.62
8L7AA02500T8C8	NS	25.4	1	-16	38.7	42	6000	168	24000	280	2.20

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: FOUR WIRE SPIRAL
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: VERY HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER
 SPECIAL " SUPERTUFF COVER" FOR LONG LASTING LIFE IN HEAVY DUTY
 HIGH ABRASION APPLICATIONS.
TEMP.: CONSTANT OPERATION: -40°C +121°C - AMBIENT TEMPERATURE: -40°C +80°C
LENGTH: RANDOM UP TO 1" - 40MT, OVER 1"

4.53 | Oil Suction and Delivery

605AA



**FLEXOR 4
SAE100 R4**

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
605AA019296MD0	LS	19.0	3/4	-12	29.0	2.1	300	8	1200	130	0.79
605AA025356MD0	LS	25.4	1	-16	35.0	1.7	250	7	1000	150	0.97
605AA032426MD0	LS	31.8	1 1/4	-20	42.0	1.4	200	6	800	200	1.19
605AA038486MD0	LS	38.1	1 1/2	-24	48.0	1	150	4	600	250	1.36
605AA051616MD0	LS	50.8	2	-32	61.0	0.7	100	3	400	300	1.76
605AA063756MD0	LS	63.5	2 1/2	-40	75.0	0.4	62	2	250	360	2.57
605AA076886MD0	LS	76.2	3	-48	88.0	0.4	56	2	225	460	3.03
605AA090046MD0	LS	90.0	3 1/2	-56	104.0	0.3	45	1	180	530	3.61
605AA102166MD0	LS	101.6	4	-64	116.0	0.2	35	1	140	610	4.10

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: FUEL, OIL AND HYDRAULIC FLUIDS SUCTION & DELIVERY WITH UP TO 50% AROMATIC CONTENT
 SPECIALLY DESIGNED FOR HYDRAULIC RETURN LINES.
TEMP.: CONSTANT OPERATION: -40°C +100°C - AMBIENT TEMPERATURE: -40°C +80°C
LENGTH: 20M AND 61M

4.54 | PTFE Stainless Steel

95SOM



**PTFE STAINLESS STEEL BRAIDED - STANDARD DUTY
FDA, USPHARMA COPEIA CLASS V**

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend radius mm	Weight g/m
95SOM005000000	NS	5	3/16	-03	7	21	3000	84	12000	63	70
95SOM006000000	LS	6	1/4	-04	9	18	2550	70	10200	76	90
95SOM008000000	NS	8	5/16	-05	11	16	2250	62	9000	102	130
95SOM010000000	LS	10	3/8	-06	12	13	1950	54	7800	127	150
95SOM013000000	LS	13	1/2	-08	16	12	1800	50	7200	152	230
95SOM016000000	NS	16	5/8	-10	19	8	1200	33	4800	178	270
95SOM019000000	LS	19	3/4	-12	22	8	1200	33	4800	203	330
95SOM025000000	NS	25	1	-16	29	6	900	25	3600	305	460

TUBE: SMOOTH PTFE - HIGH MECHANICAL AND VIBRATION RESISTANCE, LOW PERMEABILITY, DIELECTRICAL, FIRE RESISTANT, FOOD GRADE (FDA, DVGW, BGA APPROVED). CHEMICALLY INERT, NON STICKING, OZONE AND WEATHER RESISTANT.
REINF.: HIGH TENSILE STAINLESS STEEL BRAID AISI 304
APPLIC.: COMPRESSED AIR, GAS, STEAM, FUEL, OIL, CHEMICAL, FOOD AND PHARMACEUTICAL PRODUCTS. PARTICULARLY SUITABLE FOR STEAM PIPING ON INJECTION MOULDING MACHINES, DIATHERMIC OIL INSTALLATIONS, CHARGING LINES FOR CRYOGENIC GASES, COMPRESSOR DISCHARGE LINES, AUTOMOTIVE, PHARMACEUTICAL AND FOOD SECTORS.
 SOLVENTS, PIGMENTS AND PAINT TRANSFER LINES. HYDRAULIC LINES IN POWER STEERING MARINE APPLICATIONS.
 NOT SUITABLE FOR MOLTEN ALKALI METALS AND HALOGENS AT ELEVATED TEMPERATURE.

S.F. 4-1

4.55 | Pressure Wash

8B3AE



ALFAJET 210 - BLUE COVER ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8B3AE00600MVA9	LS	6.4	1/4	-4	12.1	21	3000	84	12000	50	0.18
8B3AE00800MVA9	NS	7.9	5/16	-5	14.1	21	3000	84	12000	60	0.23
8B3AE01000MVA9	LS	9.5	3/8	-6	15.6	21	3000	84	12000	65	0.28
8B3AE01200MVA9	LS	12.7	1/2	-8	19.5	21	3000	84	12000	90	0.42

TUBE: OIL & DETERGENTS RESISTANT SYNTHETIC RUBBER
REINF.: ONE HIGH TENSILE STEEL COMPACT BRAID
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER - PIN PRICKED
APPLIC.: HIGH PRESSURE POWER CLEANERS. SPECIALLY DESIGNED FOR HOT WATER APPLICATIONS. EXTREMELY FLEXIBLE, LIGHT WEIGHT AND EASY TO HANDLE. NOT RECOMMENDED FOR STEAM SERVICE.
TEMP.: CONSTANT OPERATION: -40°C +155°C - AMBIENT TEMPERATURE: -40°C +80°C
LENGTH: RANDOM

8B4AE



ALFAJET 400 - BLUE COVER ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8B4AE00600MVA9	NS	6.4	1/4	-4	13.4	40	5800	160	23200	70	0.28
8B4AE00800MVA9	NS	7.9	5/16	-5	15.0	40	5800	150	22000	76	0.31
8B4AE01000MVA9	LS	9.5	3/8	-6	17.4	40	5800	140	20000	90	0.40
8B4AE01200MVA9	NS	12.7	1/2	-8	20.6	40	5800	120	18000	115	0.55

TUBE: OIL & DETERGENTS RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE STEEL COMPACT BRAIDS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER - PIN PRICKED
APPLIC.: HIGH PRESSURE POWER CLEANERS. SPECIALLY DESIGNED FOR HOT WATER APPLICATIONS. EXTREMELY FLEXIBLE, LIGHT WEIGHT AND EASY TO HANDLE. NOT RECOMMENDED FOR STEAM SERVICE.
TEMP.: CONSTANT OPERATION: -40°C +155°C - AMBIENT TEMPERATURE: -40°C +80°C
LENGTH: RANDOM

874AA/ 895A A



SUPERCLEANER 2SN ALFAGOMMA PROPRIETARY HOS E

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
874AA01000MEE8	LS	9.5	3/8	-6	19.1	33	4800	132	19200	125	0.51

TUBE: OIL & DETERGENTS RESISTANT SYNTHETIC RUBBER
REINF.: TWO HIGH TENSILE STEEL BRAIDS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER - PIN PRICKED
APPLIC.: HEAVY DUTY USE ON HIGH PRESSURE POWER CLEANERS. SPECIALLY DESIGNED FOR HOT WATER IN EXTRA HEAVY DUTY APPLICATIONS. NOT RECOMMENDED FOR STEAM SERVICE.
TEMP.: CONSTANT OPERATION: -40°C +160°C - AMBIENT TEMPERATURE: -40°C +80°C
LENGTH: RANDOM

4.56 | Water Blasting

8B7AA



FLEXORBLAST 25K ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
8B7AA020002WA8	NS	19.0	3/4	-12	32.2	70	10000	175	25000	280	1.62
8B7AA025002WA8	NS	25.4	1	-16	38.7	70	10000	175	25000	320	1.99

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: FOUR HIGH TENSILE STEEL SPIRAL
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: EXTREMELY HIGH PRESSURE STATIC SERVICE WITH WATER, CLEANING EQUIPMENT - WATER BLAST AND JETTING APPLICATIONS ONLY.
TEMP.: CONSTANT OPERATION: -40°C +93°C - AMBIENT TEMPERATURE: -40°C +80°C
LENGTH: RANDOM

889AA



FLEXORBLAST 30K ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
889AA010005DA8	NS	9.5	3/8	-6	22.2	84	12000	210	30000	150	0.76
889AA012005DA8	LS	12.7	1/2	-8	25.4	84	12000	210	30000	200	1.16

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: FOUR HIGH TENSILE STEEL SPIRAL
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: EXTREMELY HIGH PRESSURE STATIC SERVICE WITH WATER, CLEANING EQUIPMENT - WATER BLAST AND JETTING APPLICATIONS ONLY.
TEMP.: CONSTANT OPERATION: -40°C +93°C - AMBIENT TEMPERATURE: -40°C +80°C
LENGTH: RANDOM

890AA



FLEXORBLAST 36K ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
890AA012001JB8	NS	12.7	1/2	-8	29.0	100	14500	250	36250	203	1.36
890AA020001JB8*	LS	19.0	3/4	-12	34.4	100	14500	250	36250	270	2.29

* Six spiral

TUBE: FOUR/SIX HIGH TENSILE STEEL SPIRAL
REINF.: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
COVER: WEATHER, OIL ABRASION AND OZONE RESISTANT SYNTHETIC RUBBER
APPLIC.: EXTREMELY HIGH PRESSURE STATIC SERVICE WITH WATER, CLEANING EQUIPMENT - WATER BLAST AND JETTING APPLICATIONS ONLY.
TEMP.: CONSTANT OPERATION: -40°C +93°C - AMBIENT TEMPERATURE: -40°C +80°C
LENGTH: RANDOM

891AA



FLEXORBLAST 45K ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
891AA01200W5A8	NS	12.7	1/2	-8	29.1	124	18000	310	45000	200	1.78

TUBE: SIX HIGH TENSILE STEEL SPIRAL
REINF.: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
COVER: WEATHER, OIL ABRASION AND OZONE RESISTANT SYNTHETIC RUBBER
APPLIC.: EXTREMELY HIGH PRESSURE STATIC SERVICE WITH WATER, CLEANING EQUIPMENT - WATER BLAST AND JETTING APPLICATIONS ONLY.
TEMP.: CONSTANT OPERATION: -40°C +93°C - AMBIENT TEMPERATURE: -40°C +80°C
LENGTH: RANDOM

4.57 | Water Blasting

881AA



FLEXORBLAST 50K ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
881AA0120035A8	LS	12.7	1/2	-8	29.4	140	20000	350	50000	200	1.76

TUBE: SIX HIGH TENSILE STEEL SPIRAL
REINF.: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
COVER: WEATHER, OIL ABRASION AND OZONE RESISTANT SYNTHETIC RUBBER
APPLIC.: EXTREMELY HIGH PRESSURE STATIC SERVICE WITH WATER, CLEANING EQUIPMENT - WATER BLAST AND JETTING APPLICATIONS ONLY.
TEMP.: CONSTANT OPERATION: -40°C +93°C - AMBIENT TEMPERATURE: -40°C +80°C
LENGTH: RANDOM

4.58 | Slim Hole - Drilling Rigs

170AA



FLEXOR SLIM HOLE ALFAGOMMA PROPRIETARY HOSE

Part Number	Stock Ref	ID mm	ID Inch	Dash	OD mm	Max WP Mpa	Max WP PSI	Min BP Mpa	Min BP PSI	Bend Radius mm	Weight Kg/m
170AA06386AAA8	NS	63.5	2 1/2	-40	86.0	11	1500	42	6000	760	5.23
170AA06393AAA8	NS	63.5	2 1/2	-40	93.0	11	1500	42	6000	760	6.65
170AA07600AAA8**	NS	76.0	3	-48	100.0	11	1500	42	6000	910	6.70
170AA07605AAA8**	NS	76.0	3	-48	105.0	11	1500	42	6000	910	7.78

** Four steel wire braids

TUBE: OIL RESISTANT SYNTHETIC RUBBER
REINF.: THREE / FOUR HIGH TENSILE STEEL BRAIDS
COVER: ABRASION, OZONE AND HYDROCARBON RESISTANT SYNTHETIC RUBBER
APPLIC.: ROTARY HOSE, SPECIALLY DESIGNED FOR USE IN PORTABLE, WORK-OVER AND SEISMOGRAPH DRILLING RIGS.
TEMP.: CONSTANT OPERATION: -40°C +100°C - AMBIENT TEMPERATURE: -40°C +80°C
LENGTH: 30 MT. MAX



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