OPTIMALISEER JOUW MACHINES MET TOP HYDRAULICA

PREMIUM INDUSTRIEEL LEIDINGWERK – DIRECT UIT VOORRAAD LEVERBAAR

Duik in deze exclusieve catalogus voor de crème de la crème van onze hydraulische oplossingen. Klaar om je project naar een hoger niveau te tillen?

We staan voor je klaar!

Direct contact openemen

ABFLEX+
HYDRAULIC SOLUTIONS

Ventilatie | Gas & Welding | Compressed air | Acid chemical & multipurpose | Hot air blower Water & liquids | Agri | Furnace & cable cooling | Hot water & steam | Food | Bulk | Sandblast | Plaster | Concrete | Acid & chemical | Hydrocarbon | Rig supply

ERKENDE KWALITEIT DIE JARENLANG MEEGAAT

Bij AB Flex+ weten we hoe belangrijk de kwaliteit van een leidingcomponent is. Opteer je voor een onderdeel van mindere kwaliteit afkomstig van een niet-erkende producent, loop je een enorm risico.

Ze verslijten sneller en er kunnen ook onverwacht defecten optreden die jou tienduizenden euro's kunnen kosten.

Bij AB Flex+ bieden we uitsluitend hoogkwalitatieve componenten aan, geproduceerd door erkende producenten zodat jij je geen zorgen hoeft te maken.

Indien je ervoor kiest om ook de installatie van de componenten door ons te laten uitvoeren, geven we ook een garantie van 12 maanden omdat we er zeker van zijn dat wat wij verkopen van de beste kwaliteit is en probeemloos jarenlang meegaat.

Bekijk hier onze verschillende niches waarin wij een ruim aanbod voorhanden hebben!
Ben je naar iets specifiek op zoek dat niet in de catalogus staat?

Neem dan zeker contact met ons op, de kans bestaat dat we het toch op stock hebben. En daarnaast kunnen we in het andere geval snel aan uw benodigde component raken dankzij onze nauwe, rechtstreekse band met de producent.

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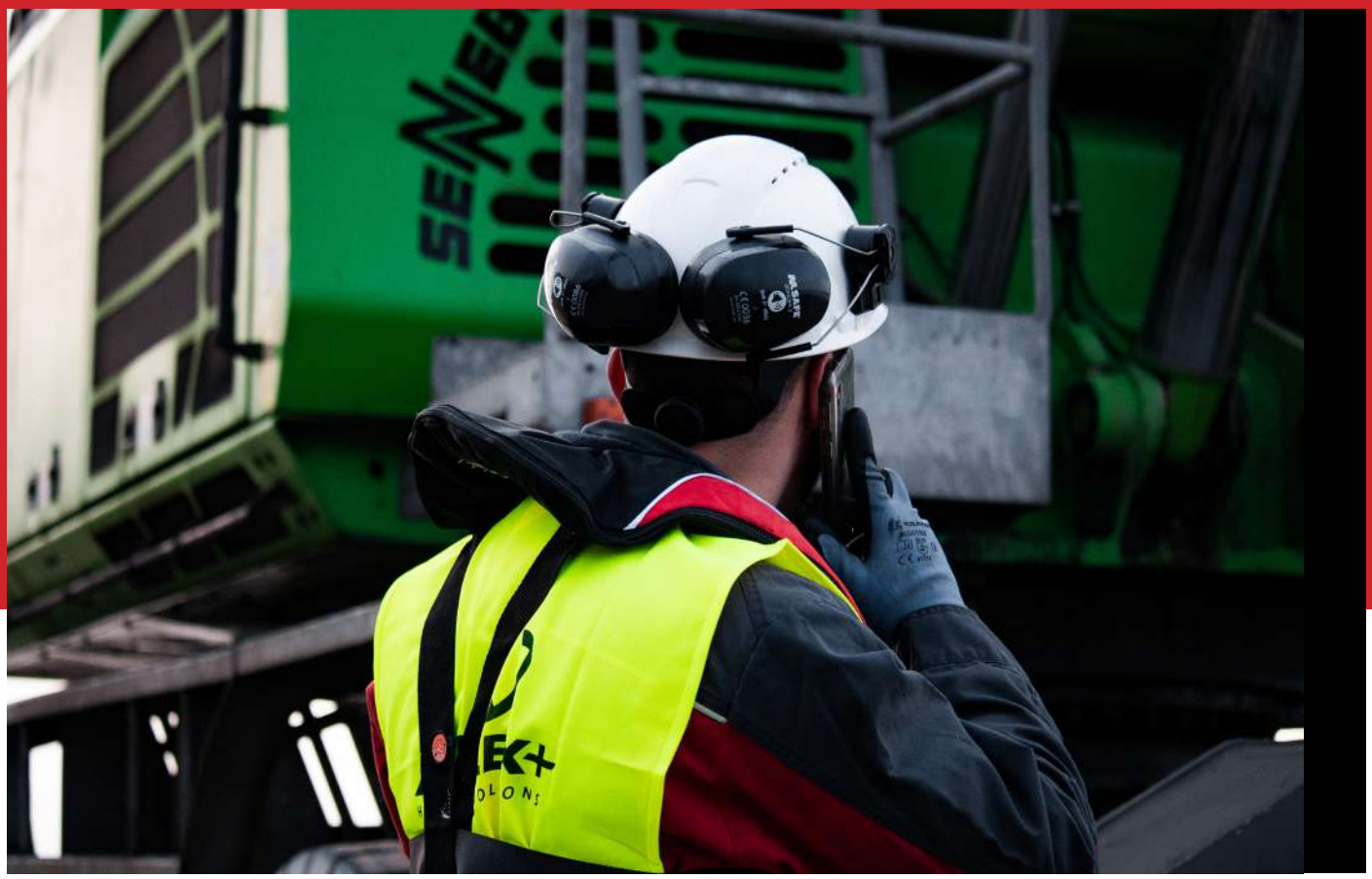
VENTILATION



161BL: Air ducting UL 94 V2 - PVC
178AA: Air ducting High temperature +120°C
17200: Air ducting Polyurethane Gauge 0,8mm
17300: Air ducting Polyurethane Gauge 1,8mm

VENTILATION

161BL

Air Ducting UL 94 V2 - PVC

Construction: grey PVC – abraision and ozone resistant.
Reinforcement: white shock resistant rigid PVC.
Application: air, Gas, Fumes extraction, Air conditioning-ventilation.
Constant operation: -10°c +60°c (+14°F + 140°F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
20,0	13/16"							20,0	0,79	50	0,130	0,09
25,0	1"							25,0	0,98	50	0,170	0,12
32,0	1 1/4"							32,0	1,26	50	0,230	0,16
35,0	1 3/8"							35,0	1,38	50	0,250	0,17
40,0	1 9/16"							40,0	1,57	50	0,300	0,21
45,0	1 3/4"							45,0	1,77	50	0,350	0,24
51,0	2"							51,0	2,01	50	0,440	0,30
63,0	2 1/2"							63,0	2,48	50	0,560	0,38
70,0	2 3/4"							70,0	2,76	50	0,630	0,43
76,0	3"							76,0	2,99	50	0,700	0,48
80,0	3 1/8"							80,0	3,15	50	0,760	0,52
90,0	3 1/2"							90,0	3,54	50	0,850	0,58
102,0	4"							102,0	4,02	50	0,990	0,67
110,0	4 5/16"							110,0	4,33	50	1,100	0,74
120,0	4 3/4"							120,0	4,72	50	1,200	0,81
127,0	5"							127,0	5,00	50	1,270	0,86
140,0	5 1/2"							140,0	5,51	50	1,450	0,96
152,0	6"							152,0	5,98	50	1,700	1,15
160,0	6 5/16"							160,0	6,30	50	1,850	1,25
180,0	7 1/16"							180,0	7,09	50	2,200	1,48
203,0	8"							203,0	7,99	50	2,450	1,65
254,0	10"							254,0	10,00	50	3,200	2,16
305,0	12"							305,0	12,01	50	3,900	2,63

VENTILATION

178AA

Air ducting - High temperature +120 °C (+248 °F)

Construction: black EPDM/PP fully recyclable and halogens/ phthalates free.
Reinforcement: steel helix wire.
Application: hot air, gas, fumes extraction-ventilation where high temperature resistance is required.
Constant operation: -40 °C +120 °C (-40 °F +248 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
40,0	1 9/16"							32,0	1,26		0,200	0,14
51,0	2"							40,0	1,57		0,250	0,17
63,0	2 1/2"							55,0	2,17		0,310	0,21
70,0	2 3/4"							60,0	2,36		0,440	0,30
76,0	3"							65,0	2,56		0,460	0,31
80,0	3 1/8"							65,0	2,56		0,500	0,34
90,0	3 1/2"							75,0	2,95		0,580	0,39
102,0	4"							85,0	3,35		0,610	0,41
110,0	4 5/16"							90,0	3,54		0,660	0,45
120,0	4 3/4"							100,0	3,94		0,720	0,49
127,0	5"							105,0	4,13		0,830	0,56
140,0	5 1/2"							115,0	4,53		0,940	0,64
152,0	6"							125,0	4,92		1,010	0,68
160,0	6 5/16"							130,0	5,12		1,090	0,74
180,0	7 1/16"							150,0	5,91		1,330	0,90
203,0	8"							165,0	6,50		1,480	1,00
254,0	10"							210,0	8,27		1,930	1,30
305,0	12"							250,0	9,84		2,380	1,60
355,0	14"							300,0	11,81		2,770	1,87
406,0	16"							350,0	13,78		3,210	2,16

VENTILATION

17200

Air ducting - Polyurethane - Gauge 0,8 mm

Construction: transparent polyurethane - abrasion and ozone resistant.
Reinforcement: copper plated steel helix wire.
Application: air, gas, fumes extraction-ventilation. Also suitable for abrasive material suction - good oil mist resistance.
Constant operation: -40 °C +85 °C (-40 °F +185 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
40,0	1 9/16"							46,0	1,81	55	0,310	0,21
51,0	2"							57,0	2,24	40	0,390	0,27
63,0	2 1/2"							69,0	2,72	25	0,480	0,33
76,0	3"							82,0	3,23	40	0,560	0,38
80,0	3 1/8"							88,0	3,46	35	0,590	0,40
102,0	4"							109,0	4,29	30	0,900	0,61
120,0	4 3/4"							127,0	5,00	30	1,040	0,70
127,0	5"							134,0	5,28	30	1,100	0,74
140,0	5 1/2"							147,0	5,79	30	1,210	0,82
152,0	6"							159,0	6,26	30	1,310	0,89
160,0	6 5/16"							167,0	6,57	25	1,380	0,93
180,0	7 1/16"							187,0	7,36	25	1,550	1,05
203,0	8"							210,0	8,27	25	2,150	1,45
254,0	10"							261,0	10,28	15	2,650	1,79
305,0	12"							312,0	12,28	15	3,180	2,14
315,0	12 3/8"							322,0	12,68	15	3,290	2,22

VENTILATION

17300

Air ducting - Polyurethane - Gauge 1,2 mm

Construction: : transparent polyurethane - abrasion and ozone resistant.
Reinforcement: copper plated steel helix wire.
Application: air, gas, fumes extraction-ventilation. Also suitable for abrasive material suction - good oil mist resistance.
Constant operation: -40 °C +85 °C (-40 °F +185 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"							71,0	2,80	60	0,610	0,41
63,0	2 1/2"							85,0	3,35	60	0,750	0,51
76,0	3"							101,0	3,98	60	0,870	0,59
80,0	3 1/8"							106,0	4,17	50	0,920	0,62
102,0	4"							133,0	5,24	40	1,360	0,92
152,0	6"							193,0	7,60	40	2,010	1,36
203,0	8"							254,0	10,00	30	2,680	1,81
254,0	10"							313,0	12,32	25	3,350	2,26
305,0	12"							374,0	14,72	25	4,010	2,70
355,0	14"							437,0	17,20	25	4,600	3,10

GAS & WELDING

076AE: Oxygen welding 20 bar (300 psi) EN ISO 3821
076AH: Acetylene welding 20 bar (300 psi) EN ISO 3821
076AI: LPG welding 20 bar (300 psi) EN ISO 3821
076EH: Oxygen/acetylene twin welding 20 bar (300 psi) ISO 3821
076EI: Oxygen/LPG twin welding 20 bar (300 psi) EN ISO 3821

GAS & WELDING

076AE

Oxygen welding 20 bar (300 psi) EN ISO 3821

Tube: black SBR.
Reinforcement: high tensile textile cords.
Cover: blue SBR/EPDM - abrasion and ozone resistant.
Application: oxygen welding.
Constant operation: -25 °C +80 °C (-13 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
6,0	1/4"	13,00	0,51	20	300	60	900	80,0	3,15		0,170	0,12
8,0	5/16"	15,00	0,59	20	300	60	900	80,0	3,15		0,200	0,14
10,0	3/8"	17,00	0,67	20	300	60	900	100,0	3,94		0,240	0,17

GAS & WELDING

076AH

Acetylene welding 20 bar (300 psi) EN ISO 3821

Tube: black SBR.
Reinforcement: high tensile textile cords.
Cover: red SBR/EPDM - abrasion and ozone resistant.
Application: acetylene welding.
Constant operation: -25 °C +80 °C (-13 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
6,0	1/4"	13,00	0,51	20	300	60	900	80,0	3,15		0,170	0,12
8,0	5/16"	15,00	0,59	20	300	60	900	80,0	3,15		0,200	0,14
10,0	3/8"	17,00	0,67	20	300	60	900	100,0	3,94		0,240	0,17

GAS & WELDING

076AI

LPG welding 20 bar (300 psi) EN ISO 3821

Tube: black NBR.
Reinforcement: high tensile textile cords.
Cover: orange SBR/EPDM - abrasion and ozone resistant.
Application: LPG welding.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
6,0	1/4"	13,00	0,51	20	300	60	900	80,0	3,15		0,160	0,11
8,0	5/16"	15,00	0,59	20	300	60	900	80,0	3,15		0,190	0,13
10,0	3/8"	17,00	0,67	20	300	60	900	100,0	3,94		0,220	0,15

GAS & WELDING

076EH

Oxygen/acetylene twin welding 20 bar (300 psi) EN ISO 3821

Tube: black SBR.
Reinforcement: high tensile textile cords.
Cover: blue, red SBR/EPDM - abrasion and ozone resistant.
Application: oxygen/acetylene twin welding.
Constant operation: -25 °C +80 °C (-13 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
6,0	1/4"	13,00	0,51	20	300	60	900	80,0	3,15		0,360	0,25
8,0	5/16"	15,00	0,59	20	300	60	900	80,0	3,15		0,410	0,28
10,0	3/8"	17,00	0,67	20	300	60	900	100,0	3,94		0,500	0,34

GAS & WELDING

076EI

Oxygen/LPG twin welding 20 bar (300 psi) EN ISO 3821

Tube: black SBR.
Reinforcement: high tensile textile cords.
Cover: blue, orange SBR/EPDM - abrasion and ozone resistant.
Application: oxygen/LPG twin welding.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
8,0	5/16"	15,00	0,59	20	300	60	900	80,0	3,15		0,400	0,27

COMPRESSED AIR

195AT: Compressed air 20 bar (300 psi) - Polyurethane - Pneumatic tools

191AK: Compressed air 20 bar (300 psi) - PVC exceeds AS/NZS 2554/B

185AA: Compressed air 20 bar (300 psi) - Standard duty exceeds DIN 20018/1

175AA: Compressed air 20 bar (300 psi) - Standard duty

175AE: General purpose 20 bar (300 psi) - EPDM

155AA: Compressed air 20 bar (300 psi) - Heavy duty

140AK: Compressed air - Steel braided

142AK: Compressed air 40 bar (600 psi) - High temperature - Oil resistant - Steel braided

COMPRESSED AIR

195AT

Compressed air 20 bar (300 psi) - Polyurethane - Pneumatic tools

Tube: black polyurethane/PVC - oil mist resistant.
Reinforcement: high tensile textile cords.
Cover: : light blue synthetic elastomer - abrasion and ozone resistant.
Application: compressed air.
Specially designed for pneumatic tools and paint spray.
Constant operation: -20 °C +60 °C (-4 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
6,0	1/4"	10,00	0,30	20	300	60	900	24,0	0,94		0,065	0,05
8,0	5/16"	10,00	0,30	20	300	60	900	32,0	1,26		0,080	0,06
10,0	3/8"	10,00	0,30	20	300	60	900	40,0	1,57		0,115	0,08
13,0	1/2"	10,00	0,30	20	300	60	900	52,0	2,05		0,185	0,13
16,0	5/8"	20,00	0,30	20	300	60	900	64,0	2,52		0,260	0,18
19,0	3/4"	20,00	1,30	20	300	60	900	76,0	2,99		0,305	1,21
25,0	1"	30,00	1,30	20	300	60	900	100,0	3,94		0,450	1,31

COMPRESSED AIR

191AK

Compressed air 20 bar (300 psi) - PVC exceeds AS/NZS 2554/B

Tube: black PVC - oil mist resistant.
Reinforcement: high tensile textile cords.
Cover: yellow ribbed 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.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
10,0	3/8"	16,00	0,63	20	300	64	960	80,0	3,15		0,170	0,12
13,0	1/2"	19,00	0,75	20	300	64	960	104,0	4,09		0,205	0,14
19,0	3/4"	27,00	1,06	20	300	64	960	152,0	5,98		0,370	0,25
25,0	1"	4,00	1,34	20	300	64	960	200,0	7,87		0,525	0,36

COMPRESSED AIR

185AA

Compressed air 20 bar (300 psi) - Standard duty exceeds DIN 20018/1

Tube: black synthetic elastomer - oil mist resistant.
Reinforcement: high tensile textile cords.
Cover: black synthetic elastomer with longitudinal yellow stripes - abrasion and ozone resistant.
Application: compressed air and general industrial applications.
Constant operation: -10 °C +60 °C (+14 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
6,0	1/4"	12,00	0,47	20	300	60	900	48,0	1,89		0,120	0,09
8,0	5/16"	14,00	0,55	20	300	60	900	64,0	2,52		0,145	0,10
10,0	3/8"	17,00	0,67	20	300	60	900	80,0	3,15		0,205	0,14
13,0	1/2"	21,00	0,83	20	300	60	900	104,0	4,09		0,280	0,19
16,0	5/8"	24,00	0,94	20	300	60	900	128,0	5,04		0,350	0,24
19,0	3/4"	28,00	1,10	20	300	60	900	152,0	5,98		0,460	0,31
25,0	1"	35,00	1,38	20	300	60	900	200,0	7,87		0,645	0,44

COMPRESSED AIR

175AA

Compressed air 20 bar (300 psi) - Standard duty

Tube: black SBR/NBR - oil mist resistant.
Reinforcement: high tensile textile cords.
Cover: : black SBR - abrasion and ozone resistant.
Application: compressed air and general industrial applications.
Constant operation: -25 °C +80 °C (-13 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
6,0	1/4"	12,00	0,47	20	300	60	900	80,0	3,15		0,150	0,11
8,0	5/16"	14,00	0,55	20	300	60	900	80,0	3,15		0,170	0,12
10,0	3/8"	17,00	0,67	20	300	60	900	100,0	3,94		0,245	0,17
13,0	1/2"	21,00	0,83	20	300	60	900	110,0	4,33		0,350	0,24
16,0	5/8"	24,00	0,94	20	300	60	900	140,0	5,51		0,415	0,28
19,0	3/4"	28,00	1,10	20	300	60	900	160,0	6,30		0,520	0,35
25,0	1"	35,00	1,38	20	300	60	900	210,0	8,27		0,780	0,53

COMPRESSED AIR

175AE

General purpose 20 bar (300 psi) - EPDM

Tube: black EPDM.
Reinforcement: high strength synthetic textile yarn.
Cover: blue EPDM.
Application: air, water and mild chemicals delivery in general industrial applications.
Constant operation: -25 °C +95 °C

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	g/m
8,0	5/16"	15,00	0,59	20	300	60	900	80	3,15		195
10,0	3/8"	18,00	0,71	20	300	60	900	100	3,94		270
12,0	1/2"	21,00	0,83	20	300	60	900	120	4,72		330
16,0	5/8"	24,00	0,94	20	300	60	900	140	5,51		390
19,0	3/4"	29,00	1,14	20	300	60	900	160	6,30		590
19,0	3/4"	31,00	1,22	20	300	60	900	150	5,91		720
25,0	1"	37,50	1,48	20	300	60	900	210	8,27		950
25,0	1"	39,00	1,54	20	300	60	900	210	8,27		1090

COMPRESSED AIR

155AA

Compressed air 20 bar (300 psi) - Heavy duty

Construction: black SBR/NBR - oil mist resistant.
Reinforcement: high tensile textile cords.
Cover: black SBR - abrasion and ozone resistant.
Application: compressed air designed for heavy duty applications.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
19,0	3/4"	29,0	1,14"	20,0	300	60	900				0,550	0,37
22,0	7/8"	32,0	1,26"	20,0	300	60	900				0,620	0,42
25,0	1"	35,0	1,38"	20,0	300	60	900				0,690	0,47
28,0	1 1/8"	38,0	1,50"	20,0	300	60	900				0,790	0,54
30,0	1 3/16"	42,0	1,65"	20,0	300	60	900				0,840	0,57
32,0	1 1/4"	44,0	1,73"	20,0	300	60	900				0,880	0,60
35,0	1 3/8"	47,0	1,85"	20,0	300	60	900				0,950	0,64
38,0	1 1/2"	50,0	1,97"	20,0	300	60	900				1,030	0,70
40,0	1 9/16"	52,0	2,05"	20,0	300	60	900				1,070	0,72
45,0	1 3/4"	57,0	2,24"	20,0	300	60	900				1,200	0,81
48,0	1 7/8"	60,0	2,36"	20,0	300	60	900				1,270	0,81
51,0	2"	65,0	2,56"	20,0	300	60	900				1,650	1,11
55,0	2 1/6"	69,0	2,72"	20,0	300	50	730				1,760	1,19
60,0	2 3/8"	76,0	2,99"	20,0	300	50	730				2,200	1,48
63,0	2 1/2"	79,0	3,11"	20,0	300	50	730				2,290	1,54
76,0	3"	92,0	3,62"	20,0	300	50	730				2,800	1,89
90,0	31/2"	106,0	4,17"	20,0	300	50	730				3,240	2,18
102,0	4"	118,0	4,65"	20,0	300	50	730				3,660	2,46
152,0	6"	170,0	6,69"	20,0	300	50	730				6,220	4,19

COMPRESSED AIR

140AK

Compressed air - Steel braided

Tube: black SBR - oil mist resistant.
Reinforcement: one or two high tensile steel wire braids.
Cover: : yellow SBR - abrasion, ozone, hydrocarbon resistant - pin pricked.
Application: high pressure compressed air designed for heavy duty mine and quarry applications where long service life and maximum safety is required.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	22,00	0,87	40	600	160	2320	65,0	2,56		0,410	0,28
19,0	3/4"	28,00	1,10	40	600	160	2320	95,0	3,74		0,560	0,38
25,0	1"	34,00	1,34	40	600	160	2320	125,0	4,92		0,700	0,48
32,0	1 1/4"	42,00	1,65	40	600	160	2320	160,0	6,30		0,990	0,67
38,0	1 1/2"	48,00	1,89	40	600	160	2320	190,0	7,48		1,180	0,80
51,0	2"	64,00	2,52	40	600	160	2320	255,0	10,04		2,000	1,35
63,0	2 1/2"	77,00	3,03	40	450	120	1750	315,0	12,40		2,810	1,89
76,0	3"	90,00	3,54	40	450	120	1750	380,0	14,96		3,480	2,34
102,0	4"	118,00	4,65	40	450	120	1750	510,0	20,08		4,500	3,03

COMPRESSED AIR

142AK

Compressed air 40 bar (600 psi) - High temperature - Oil resistant - Steel braided

Tube: black NBR (RMA Class A) - oil mist resistant.
Reinforcement: : high tensile steel wire braids.
Cover: yellow SBR/NBR - abrasion, ozone, hydrocarbon and flame resistant - pin pricked.
Application: high pressure compressed air designed for heavy duty mine and quarry applications where long service life and maximum safety is required.
Constant operation: -40 °C +120 °C (-40 °F +248 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"	64,00	2,52	40	600	160	2320	255,0	10,04		1,910	1,29
76,0	3"	90,00	3,54	40	600	120	1750	380,0	14,96		3,270	2,20

ACID CHEMICAL & MULTIPURPOSE

973AA: General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

973AA_BLU: General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

973AA_GRN: General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

973AA_YEL: General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

97CAB: Multipurpose hose 20 bar (300 psi)

ACID CHEMICAL & MULTIPURPOSE

Ω
R≤10⁶Ω

Ω/T
R≤10⁹Ω

973AA

General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

Tube: black conductive EPDM.
Reinforcement: high tensile textile cords.
Cover: black conductive EPDM - abrasion and ozone resistant.
Application: air, water and mild chemicals delivery in general industrial applications. Suitable to be used in potentially explosive environments.
Constant operation: -40 °C +100 °C (-40 °F +212 °F)

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
13,0	1/2"	21,00	0,83	20	300	80	1200	110,0	4,33	0,320	0,22	60,0
19,0	3/4"	29,00	1,14	20	300	80	1200	160,0	6,30	0,580	0,39	60,0
25,0	1"	36,00	1,42	20	300	80	1200	210,0	8,27	0,720	0,49	60,0

ACID CHEMICAL & MULTIPURPOSE

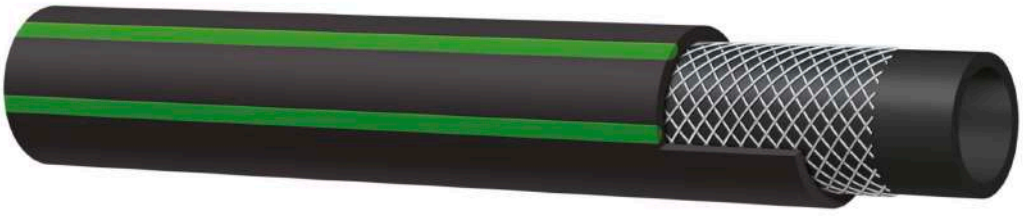
973AA_BLU

General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

Tube: black conductive EPDM.
Reinforcement: high tensile textile cords.
Cover: black conductive EPDM with longitudinal blue stripes - abrasion and ozone resistant.
Application: air, water and mild chemicals delivery in general industrial applications. Suitable to be used in potentially explosive environments.
Constant operation: -40 °C +100 °C (-40 °F +212 °F)

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
6,0	1/4"	13,00	0,51	20	300	80	1200	60,0	2,36	0,140	0,10	60,0
8,0	5/16"	15,00	0,59	20	300	80	1200	75,0	2,95	0,180	0,13	60,0
10,0	3/8"	17,00	0,67	20	300	80	1200	90,0	3,54	0,225	0,16	60,0
13,0	1/2"	21,00	0,83	20	300	80	1200	110,0	4,33	0,320	0,22	60,0
16,0	5/8"	25,00	0,98	20	300	80	1200	140,0	5,51	0,410	0,28	60,0
19,0	3/4"	29,00	1,14	20	300	80	1200	160,0	6,30	0,580	0,39	60,0
25,0	1"	36,00	1,42	20	300	80	1200	210,0	8,27	0,720	0,49	60,0

ACID CHEMICAL & MULTIPURPOSE



Ω
R≤10⁶Ω

Ω/T
R≤10⁹Ω

973AA_GRN

General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

Tube: black conductive EPDM.
Reinforcement: high tensile textile cords.
Cover: black conductive EPDM with longitudinal green stripes - abrasion and ozone resistant.
Application: air, water and mild chemicals delivery in general industrial applications. Suitable to be used in potentially explosive environments.
Constant operation: -40 °C +100 °C (-40 °F +212 °F)

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
13,0	1/2"	21,00	0,83	20	300	80	1200	110,0	4,33	0,320	0,22	60,0
19,0	3/4"	29,00	1,14	20	300	80	1200	160,0	6,30	0,580	0,39	60,0
25,0	1"	36,00	1,42	20	300	80	1200	210,0	8,27	0,720	0,49	60,0

ACID CHEMICAL & MULTIPURPOSE

973AA_YEL

General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

Tube: black conductive EPDM.
Reinforcement: high tensile textile cords.
Cover: black conductive EPDM with yellow stripes - abrasion and ozone resistant.
Application: air, water and mild chemicals delivery in general industrial applications. Suitable to be used in potentially explosive environments.
Constant operation: -40 °C +100 °C (-40 °F +212 °F)

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
13,0	1/2"	21,00	0,83	20	300	80	1200	110,0	4,33	0,320	0,22	60,0
19,0	3/4"	29,00	1,14	20	300	80	1200	160,0	6,30	0,580	0,39	60,0
25,0	1"	36,00	1,42	20	300	80	1200	210,0	8,27	0,720	0,49	60,0

HYDROCARBONS

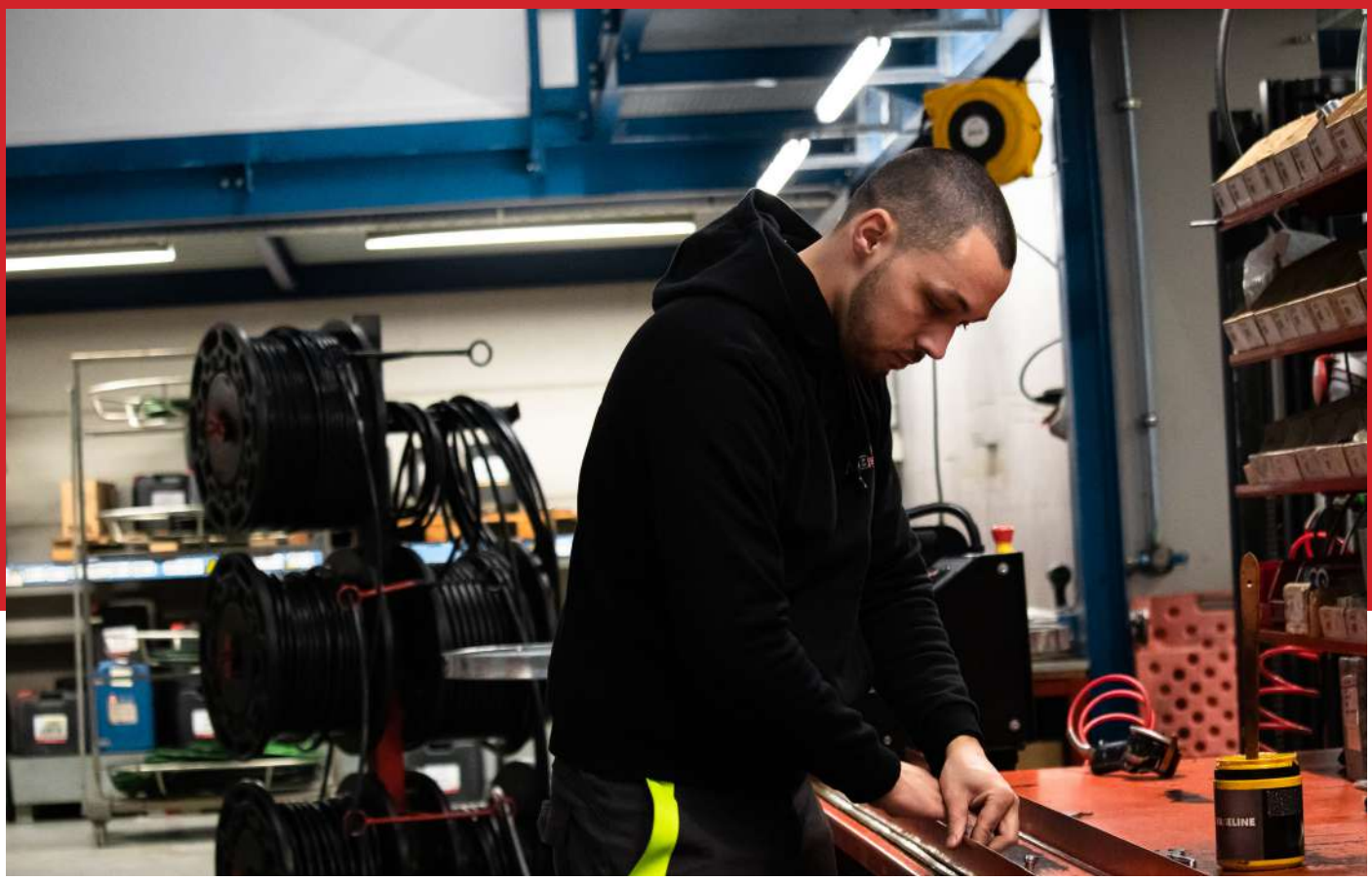
97CAB

Multipurpose hose 20 bar (300 psi)

Tube: black conductive NBR (R< 106 Ω/M).
Reinforcement: high strength synthetic textile yarn.
Cover: grey SBR/CR.
Application: compressed air, water, fuel and oil delivery in general industrial applications.
Constant operation: -30 °C +95 °C

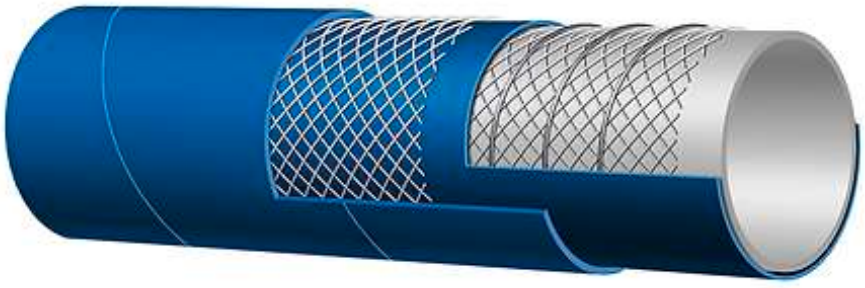
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	g/m
6,0	1/4"	14,0	0,55	20	300	60	900	80	3,15		165
8,0	5/16"	16,0	0,63	20	300	60	900	80	3,15		200
10,0	3/8"	18,0	0,71	20	300	60	900	100	3,94		240
13,0	1/2"	21,0	0,83	20	300	60	900	130	5,121		300
16,0	5/8"	25,0	0,98	20	300	60	900	160	6,30		420
19,0	3/4"	29,0	1,14	20	300	60	900	190	7,48		550
25,0	1"	36,0	1,42	20	300	60	900	250	9,84		700

HOT AIR BLOWER



903LE: Hot air blower 10 bar (150 psi) - Hard wall FDA

HOT AIR BLOWER



903LE

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

Tube: white EPDM - heat resistant.
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: blue EPDM - heat, abrasion and ozone resistant.
Application: hot air connection from volumetric compressor to bulk food/ material road tanker.
Special light weight and flexible construction.
Constant operation: -40 °C +180 °C (-40 °F +356 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
38,0	1 1/2"	50,00	1,97	10	150	30	450	114,0	4,49	100	1,140	0,77
51,0	2"	63,00	2,48	10	150	30	450	153,0	6,02	100	1,470	0,99
76,0	3"	90,00	3,54	10	150	30	450	228,0	8,98	90	2,670	1,80
102,0	4"	116,00	4,57	10	150	30	450	306,0	12,05	90	3,630	2,44
127,0	5"	145,00	5,71	10	150	30	450	445,0	17,52	80	6,060	4,08

WATER & LIQUIDS

490OO: General purpose tubing - PVC FDA
492OO: General purpose food quality - PVC FDA - EU 10/2011 A+B+C - AS 2070
253AA: Water discharge 10 bar (150 psi) - Lay flat
254AA: Air-water delivery 10 bar (150 psi)
266GL: Water S&D - PVC - Standard duty
267BE: Water-slurry S&D - PVC - Medium duty - Super elastic
269BA: Water-slurry S&D - PVC/NBR - Medium dut - Superior flexibility
472OO: General purpose food quality S&D - PVC FDA - EU 10/2011 A+B+C - AS 2070
202AA: General purpose S&D 10 bar (150 psi) - EPDM
223AA: Water S&D 20 bar (300 psi) - Heavy duty

WATER & LIQUIDS

PHTHALATE & BPA FREE

49000

General purpose tubing - PVC FDA

Tube: transparent PVC.
Application: general purpose.
Sterilize with 5% soda solution.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
3,0	1/8"	5,00	0,20"								0,015	0,02
4,0	5/32"	6,00	0,24"								0,020	0,02
5,0	3/16"	8,00	0,31"								0,040	0,03
6,0	1/4"	9,00	0,35"								0,045	0,04
7,0	9/32"	11,00	0,43"								0,070	0,05
8,0	5/16"	12,00	0,47"								0,080	0,06
10,0	3/8"	14,00	0,55"								0,095	0,07
12,0	15/32"	16,00	0,63"								0,110	0,08
14,0	9/16"	19,00	0,75"								0,160	0,11
16,0	5/8"	22,00	0,87"								0,220	0,15
18,0	23/32"	24,00	0,94"								0,245	0,17
20,0	13/16"	26,00	1,02"								0,265	0,18
22,0	7/8"	28,00	1,10"								0,290	0,20
25,0	1"	32,00	1,26"								0,415	0,28

WATER & LIQUIDS

PHTHALATE & BPA FREE

2004/1935 EC
2006/2023 EC

49200

General purpose food quality - PVC FDA - EU 10/2011 A+B+C - AS 2070

Tube: transparent PVC.
Reinforcement: high tensile textile cords.
Cover: transparent PVC with longitudinal red stripes - abrasion and ozone resistant.
Application: general purpose food quality. Sterilize with 5% soda solution.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
6,0	1/4"	11,00	0,43"	20,0	300	60,0	900				0,085	0,06
6,0	1/4"	12,00	0,47"	20,0	300	60,0	900				0,110	0,08
8,0	5/16"	13,00	0,51"	15,0	225	45,0	650				0,105	0,08
8,0	5/16"	14,00	0,55"	15,0	225	45,0	650				0,130	0,09
10,0	3/8"	15,00	0,59"	15,0	225	45,0	650				0,125	0,09
10,0	3/8"	16,00	0,63"	15,0	225	45,0	650				0,155	0,11
13,0	1/2"	19,00	0,75"	10,0	150	30,0	450				0,190	0,13
16,0	5/8"	22,00	0,87"	10,0	150	30,0	450				0,225	0,16
19,0	3/4"	25,00	0,98"	10,0	150	30,0	450				0,260	0,18
19,0	3/4"	26,00	1,02"	10,0	150	30,0	450				0,310	0,21
25,0	1"	32,00	1,26"	10,0	150	30,0	450				0,390	0,27
25,0	1"	33,00	1,30"	10,0	150	30,0	450				0,450	0,31
30,0	1 3/16"	38,00	1,50"	7,0	100	21,0	300				0,530	0,36
32,0	1 1/4"	42,00	1,65"	7,0	100	21,0	300				0,715	0,49
38,0	1 1/2"	48,00	1,89"	7,0	100	21,0	300				0,830	0,56
51,0	2"	63,00	2,48"	6,0	90	18	270				1,330	0,90

WATER & LIQUIDS

253AA

Water discharge 10 bar (150 psi) - Lay flat

Tube: black EPDM.
Reinforcement: high tensile textile cords.
Cover: black EPDM - abrasion and ozone resistant.
Application: lay flat water discharge.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
32,0	1 1/4"	40,00	1,57"	10,0	150	30,0	450				0,460	0,31
38,0	1 1/2"	46,00	1,81"	10,0	150	30,0	450				0,540	0,37
40,0	1 9/16"	48,00	1,89"	10,0	150	30,0	450				0,570	0,39
45,0	1 3/4"	53,00	2,09"	10,0	150	30,0	450				0,660	0,45
51,0	2"	59,00	2,32"	10,0	150	30,0	450				0,730	0,50
60,0	2 3/8"	68,00	2,68"	10,0	150	30,0	450				0,860	0,58
63,0	2 1/2"	71,00	2,80"	10,0	150	30,0	450				0,900	0,61
70,0	2 3/4"	80,00	3,15"	10,0	150	30,0	450				1,380	0,93
76,0	3"	86,00	3,39"	10,0	150	30,0	450				1,480	1,00
90,0	3 1/2"	100,00	3,94"	10,0	150	30,0	450				1,720	1,16
102,0	4"	112,00	4,41"	10,0	150	30,0	450				2,040	1,38
127,0	5"	139,00	5,47"	10,0	150	30,0	450				2,730	1,84
152,0	6"	164,00	6,46"	10,0	150	30,0	450				3,360	2,26
168,0	6 5/8"	180,00	7,09"	10,0	150	30,0	450				3,560	2,40
203,0	8"	217,00	8,54"	10,0	150	20,0	300				4,810	3,24
254,0	10"	270,00	10,63"	10,0	150	20,0	300				7,680	5,17
305,0	12"	319,00	12,56"	10,0	150	20,0	300				8,870	5,97

WATER & LIQUIDS

254AA

Air-water delivery 10 bar (150 psi)

Tube: black SBR.
Reinforcement: high tensile textile cords.
Cover: black SBR - abrasion and ozone resistant.
Application: air and water delivery.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
19,0	3/4"	27,00	1,06"	10,0	150	30,0	450				0,400	0,27
25,0	1"	33,00	1,30"	10,0	150	30,0	450				0,540	0,37
32,0	1 1/4"	42,00	1,65"	10,0	150	30,0	450				0,830	0,56
38,0	1 1/2"	48,00	1,89"	10,0	150	30,0	450				0,980	0,66
51,0	2"	61,00	2,40"	10,0	150	30,0	450				1,290	0,87
63,0	2 1/2"	75,00	2,95"	10,0	150	30,0	450				1,920	1,30
76,0	3"	88,00	3,46"	10,0	150	30,0	450				2,310	1,56
102,0	4"	114,00	4,49"	10,0	150	30,0	450				3,120	2,10
152,0	6"	166,00	6,54"	10,0	150	30,0	450				4,690	3,16
203,0	8"	219,00	8,68"	10,0	150	30,0	300				6,695	4,68

WATER & LIQUIDS

PHTHALATE & BPA FREE

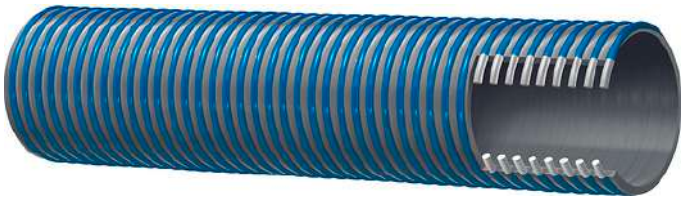
266GL

Water S&D - PVC - Standard duty

Construction: green transparent PVC - abrasion and ozone resistant.
Reinforcement: white shock resistant rigid PVC.
Application: water suction and delivery.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
25,0	1"			7,0	100	21,0	300	113,0	4,45"	70	0,290	0,20
32,0	1 1/4"			6,0	90	18,0	270	144,0	5,67"	70	0,390	0,27
38,0	1 1/2"			5,0	75	15,0	225	171,0	6,73"	70	0,510	0,35
45,0	1 3/4"			5,0	75	15,0	225	203,0	7,99"	70	0,670	0,46
51,0	2"			5,0	75	15,0	225	230,0	9,06"	70	0,760	0,52
63,0	2 1/2"			5,0	75	15,0	225	284,0	11,18"	70	0,970	0,66
76,0	3"			5,0	75	15,0	225	342,0	13,46"	70	1,330	0,90
90,0	3 1/2"			4,0	60	12,0	180	405,0	13,46"	70	1,800	1,21
102,0	4"			4,0	60	12,0	180	459,0	15,94"	70	2,190	1,48
127,0	5"			3,0	45	9,0	135	597,0	18,07"	50	2,900	1,95
152,0	6"			3,0	45	9,0	135	714,0	23,50"	50	4,000	2,69
203,0	8"			2,0	30	6,0	90	954,0	37,56"	40	6,200	4,17

WATER & LIQUIDS



PHTHALATE & BPA FREE

267BE

Water-slurry S&D - PVC - Medium duty - Super elastic

Construction: grey PVC with helical blue stripe - abrasion and ozone resistant.
Reinforcement: white shock resistant rigid PVC.
Application: water suction and delivery. Special construction for slurry tankers. Good flexibility at low temperature.
Constant operation: -20 °C +60 °C (-4 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
25,0	1"			7,0	100	21,0	300	100,0	3,94"	90	0,415	0,28
32,0	1 1/4"			7,0	100	21,0	300	128,0	5,04"	90	0,605	0,41
38,0	1 1/2"			7,0	100	21,0	300	152,0	5,98"	90	0,705	0,48
45,0	2"			5,0	75	15,0	225	204,0	8,03"	90	1,000	0,68
51,0	2 3/8"			5,0	75	15,0	225	240,0	9,45"	90	1,280	0,87
63,0	2 1/2"			5,0	75	15,0	225	252,0	9,92"	90	1,340	0,91
76,0	3"			5,0	75	15,0	225	304,0	11,97"	90	1,750	1,18
90,0	3 1/8"			5,0	75	15,0	225	320,0	12,60"	90	1,840	1,24
102,0	3 1/2"			4,0	60	12,0	180	360,0	14,17"	90	2,260	1,52
127,0	4"			4,0	60	12,0	180	408,0	16,06"	90	2,700	1,82
152,0	4 5/16"			4,0	60	12,0	180	440,0	17,32"	90	3,100	2,09
203,0	4 3/4"			4,0	60	12,0	180	480,0	18,90"	90	3,600	2,42
127,0	5"			4,0	60	12,0	180	508,0	20,00"	90	3,800	2,56
152,0	6"			3,0	45	9,0	135	608,0	23,94"	90	4,850	3,26
203,0	8"			3,0	45	9,0	135	812,0	31,97"	90	9,100	6,12

WATER & LIQUIDS

269BA

Water-slurry S&D - PVC/NBR - Medium dut - Superior flexibility

Construction: grey PVC/NBR - abrasion and ozone resistant.
Reinforcement: black shock resistant rigid PVC.
Application: water suction and delivery. Special construction for slurry tankers and general applications. Superior flexibility at low temperature.
Constant operation: -30 °C +60 °C (-22 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"			5,0	75	15,0	225	178,0	7,01"	90	1,010	0,68
63,0	2 1/2"			5,0	75	15,0	225	220,0	8,66"	90	1,365	0,92
76,0	3"			5,0	75	15,0	225	266,0	10,47"	90	1,765	1,19
90,0	3 1/2"			4,0	60	12,0	180	315,0	12,40"	90	2,265	1,53
102,0	4"			4,0	60	12,0	180	357,0	14,06"	90	2,720	1,83
127,0	5"			3,0	45	9,0	135	444,0	17,48"	90	3,830	2,58
152,0	6"			3,0	45	9,0	135	532,0	20,94"	90	4,935	3,32

WATER & LIQUIDS

PHTHALATE & BPA FREE

2004/1935 EC
2006/2023 EC

47200

General purpose food quality S&D - PVC FDA - EU 10/2011 A+B+C - AS 2070

Construction: transparent PVC - abrasion and ozone resistant.
Reinforcement: Steel helix wire.
Application: general purpose liquid food and alcoholic beverages suction and delivery - max 20%. Sterilize with 5% soda solution.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
10,0	3/8"	16,0	0,63"	15,0	225	45,0	650	40,0	1,57"	90	0,160	0,11
13,0	1/2"	19,0	0,75"	7,0	100	21,0	300	52,0	2,05"	85	0,195	0,14
14,0	9/16"	20,0	0,79"	6,0	90	18,0	270	56,0	2,20"	85	0,210	0,15
16,0	5/8"	22,0	0,87"	6,0	90	18,0	270	64,0	2,52"	85	0,210	0,17
18,0	23/32"	25,0	0,87"	6,0	90	18,0	270	72,0	2,83"	85	0,250	0,21
20,0	13/16"	27,0	0,98"	5,0	75	15,0	225	80,0	3,15"	85	0,300	0,23
22,0	7/8"	29,0	1,06"	5,0	75	15,0	225	88,0	3,46"	85	0,330	0,26
25,0	1"	33,0	1,14"	5,0	75	15,0	225	100,0	3,94"	85	0,380	0,35
30,0	1 3/16"	38,0	1,30"	4,0	60	12,0	180	120,0	4,72"	85	0,515	0,41
32,0	1 1/4"	40,0	1,50"	4,0	60	12,0	180	128,0	5,04"	85	0,610	0,44
35,0	1 3/8"	44,0	1,57"	4,0	60	12,0	180	140,0	5,51"	85	0,650	0,53
38,0	1 1/2"	47,0	1,73"	4,0	60	12,0	180	152,0	5,98"	85	0,785	0,55
40,0	1 9/16"	49,0	1,85"	3,0	45	9,0	135	160,0	6,30"	85	0,810	0,60
45,0	1 3/4"	55,0	1,93"	3,0	45	9,0	135	180,0	7,09"	80	0,885	0,74
51,0	2"	61,0	2,17"	3,0	45	9,0	135	204,0	8,03"	80	1,100	0,83
60,0	2 3/8"	72,0	2,40"	2,0	30	6,0	90	240,0	9,45"	80	1,230	1,15
63,0	2 1/2"	75,0	2,83"	2,0	30	6,0	90	252,0	9,92"	80	1,700	1,20
70,0	2 3/4"	84,0	2,95"	2,0	30	6,0	90	280,0	11,02"	80	1,775	1,37
76,0	3"	90,0	3,31"	2,0	30	6,0	90	304,0	11,97"	70	2,030	1,58
80,0	3 1/8"	94,0	3,70"	2,0	30	6,0	90	320,0	12,60"	70	2,350	1,69
90,0	3 1/2"	104,0	4,09"	2,0	30	6,0	90	360,0	14,17"	70	2,500	2,02
102,0	4"	116,0	4,57"	2,0	30	6,0	90	408,0	16,06"	70	3,480	2,34
105,0	4 1/8"	121,0	4,76"	3,0	45	9,0	135	420,0	16,54"	90	4,250	2,86
152,0	6"	172,0	6,77"	2,0	30	6,0	90	608,0	23,94"	70	7,200	4,84

WATER & LIQUIDS

202AA

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

Tube: black conductive EPDM.
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: black conductive EPDM - abrasion and ozone resistant.
Application: water suction and delivery. Also suitable for mild chemicals and fertilizers in general industrial and agricultural applications.
Constant operation: -40 °C +100 °C (-40 °F +212 °F)
depending on conveyed chemical

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
25,0	1"	36,0	1,42"	10,0	150	30,0	450	100,0	3,94"	100	0,730	0,50
30,0	1 3/16"	41,0	1,61"	10,0	150	30,0	450	120,0	4,74"	100	0,820	0,56
32,0	1 1/4"	43,0	1,69"	10,0	150	30,0	450	128,0	5,04"	100	0,860	0,58
38,0	1 1/2"	49,0	1,93"	10,0	150	30,0	450	152,0	5,98"	100	1,000	0,68
40,0	1 9/16"	51,0	2,01"	10,0	150	30,0	450	160,0	6,30"	100	1,050	0,71
45,0	1 3/4"	56,0	2,20"	10,0	150	30,0	450	180,0	7,09"	100	1,170	0,79
51,0	2"	62,0	2,44"	10,0	150	30,0	450	204,0	8,03"	100	1,300	0,88
60,0	2 3/8"	73,0	2,87"	10,0	150	30,0	450	240,0	9,45"	100	2,000	1,35
63,0	2 1/2"	76,0	2,99"	10,0	150	30,0	450	252,0	9,92"	90	2,090	1,41
70,0	2 3/4"	83,0	3,27"	10,0	150	30,0	450	280,0	11,02"	90	2,330	1,57
76,0	3"	89,0	3,50"	10,0	150	30,0	450	304,0	11,97"	90	2,500	1,69
80,0	3 1/8"	93,0	3,66"	10,0	150	30,0	450	320,0	12,60"	90	2,680	1,81
90,0	3 1/2"	104,0	4,09"	10,0	150	30,0	450	360,0	14,17"	90	3,120	2,10
102,0	4"	116,0	4,57"	10,0	150	30,0	450	408,0	16,06"	90	3,480	2,34
110,0	4 5/19"	124,0	4,88"	10,0	150	30,0	450	440,0	17,32"	80	3,710	2,50
115,0	4 1/2"	129,0	5,08"	10,0	150	30,0	450	460,0	18,11"	80	3,860	2,60
120,0	4 3/4"	139,0	5,35"	10,0	150	30,0	450	600,0	23,62"	80	5,070	3,41
127,0	5"	143,0	5,63"	10,0	150	30,0	450	635,0	25,00"	80	5,330	3,59
152,0	6"	168,0	6,61"	10,0	150	25,0	375	760,0	29,92"	80	6,660	4,48
203,0	8"	221,0	8,70"	10,0	150	25,0	375	812,0	31,97"	70	9,880	6,64
254,0	10"	272,0	10,71"	10,0	150	25,0	375	1270,0	50,00"	60	13,520	9,09

WATER & LIQUIDS

R≤10⁶Ω

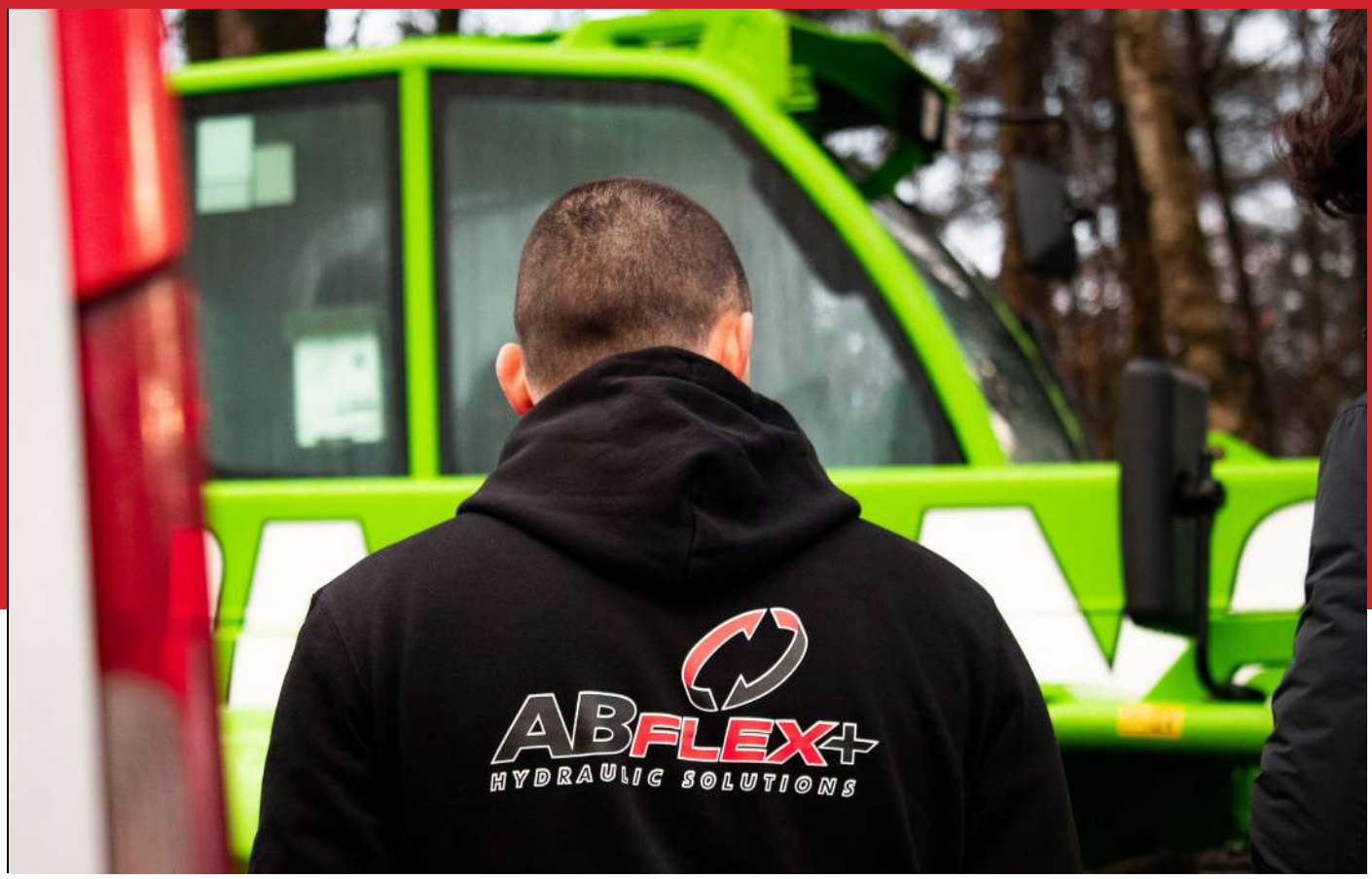
223AA

Water S&D 20 bar (300 psi) - Heavy duty

Tube: black conductive EPDM.
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: black conductive EPDM - abrasion and ozone resistant.
Application: water suction and delivery.
Designed for long service life in heavy duty applications.
Constant operation: : -40 °C +100 °C (-40 °F +212 °F)
depending on conveyed chemical

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"	63,0	2,48"	20,0	300	60,0	900	204,0	8,03"	100	1,450	0,98
63,0	2 1/2"	77,0	3,03"	20,0	300	60,0	900	252,0	9,92"	90	2,070	1,40
76,0	3"	90,0	3,54"	20,0	300	60,0	900	304,0	11,97"	90	2,540	1,71
102,0	4"	116,0	4,57"	20,0	300	60,0	900	408,0	16,06"	90	3,490	2,35
152,0	6"	168,0	6,61"	20,0	300	60,0	900	608,0	23,94"	80	6,800	4,57
203,0	8"	225,0	8,86"	20,0	300	60,0	900	812,0	31,97"	70	10,920	7,34

AGRI



593AK: Crop spraying 80 bar (1200 psi) - PVC

AGRI

593AK

Crop spraying 80 bar (1200 psi) - PVC

Tube: black PVC.
Reinforcement: high tensile textile cords.
Cover: yellow ribbed PVC with longitudinal black stripe - abrasion and ozone resistant.
Application: crop spraying of fertilizers, pesticides and weedkillers.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lb/ft
51,0	2"	71,00	2,80	85	1275	170	2500	255,0	10,04	2,150	1,45
63,0	2 1/2"	83,00	3,27	85	1275	170	2500	315,0	12,40	2,640	1,78
76,0	3"	101,00	3,98	85	1275	170	2500	380,0	14,96	3,650	2,46

FURNACE & CABLE COOLING

957LL: Cable cooling 20 bar (300 psi) - Non conductive

FURNACE & CABLE COOLING

957LL

Cable cooling 20 bar (300 psi) - Non conductive

Tube: white EPDM.
Reinforcement: high tensile textile cords.
Cover: white non conductive EPDM, heat resistant
- resin coated dust free fibreglass cover.
Application: non conductive cable cooling in electric furnaces. Specially designed to withstand heat, splashes of molten metal and open flame.
Constant operation: : -40 °C +120 °C (-40 °F +248 °F)
cover resistant up to 540 °C (1000 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	25,0	0,98"	20,0	300	60,0	900				0,420	0,29
19,0	3/4"	31,0	1,22"	20,0	300	60,0	900				0,690	0,47
25,0	1"	37,0	1,46"	20,0	300	60,0	900				0,850	0,58
32,0	1 1/4"	46,0	1,81"	20,0	300	60,0	900				1,250	0,85
38,0	1 1/2"	54,0	2,13"	20,0	300	60,0	900				1,440	0,97
51,0	2"	67,0	2,64"	20,0	300	60,0	900				1,900	1,28
63,0	2 1/2"	81,0	3,19"	20,0	300	60,0	900				2,630	1,77
76,0	3"	96,0	3,78"	20,0	300	60,0	900				3,570	2,40

HOT WATER & STEAM

352AA: Radiator 5 bar (75 psi) exceeds DIN 73411 - SAE 20R1 D-2

350LE: Steam 6 bar (90 psi) - Hot water 15 bar (225 psi)

FDA - 3-A - arrêté du 09/11/94 D

350AA: Steam 6 bar (90 psi) - Hot water 15 bar (225 psi)

340AH: Steam 18 bar (270 psi) - Steel braided

345AA: Steam 18 bar (270 psi) - CIIR - Steel braided

EN ISO 6134/2A

HOT WATER & STEAM

352AA

Radiator 5 bar (75 psi) exceeds DIN 73411 - SAE 20R1 D-2

Tube: : black EPDM - DIN 73411/A compliant.
Reinforcement: high tensile textile cords.
Cover: black EPDM - heat, abrasion and ozone resistant - DIN 73411/A compliant.
Application: radiator.
Constant operation: -40 °C +120 °C (-40 °F +248 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	21,0	0,83"	5,0	75	15,0	225				0,280	0,19
16,0	5/8"	24,0	0,94"	5,0	75	15,0	225				0,330	0,23
18,0	23/32"	26,0	1,02"	5,0	75	15,0	225				0,380	0,26
20,0	13/16"	28,0	1,10"	5,0	75	15,0	225				0,390	0,27
22,0	7/8"	30,0	1,18"	5,0	75	15,0	225				0,420	0,29
25,0	1"	33,0	1,30"	5,0	75	15,0	225				0,470	0,32
28,0	1 1/8"	36,0	1,42"	5,0	75	15,0	225				0,510	0,35
30,0	1 3/16"	38,0	1,50"	5,0	75	15,0	225				0,550	0,37
32,0	1 1/4"	40,0	1,57"	5,0	75	15,0	225				0,580	0,39
35,0	1 3/8"	43,0	1,69"	5,0	75	15,0	225				0,620	0,42
38,0	1 1/2"	48,0	1,89"	5,0	75	15,0	225				0,860	0,58
40,0	1 9/16"	50,0	1,97"	5,0	75	15,0	225				0,890	0,60
42,0	1 5/8"	52,0	2,05"	5,0	75	15,0	225				0,930	0,63
45,0	1 3/4"	55,0	2,17"	5,0	75	15,0	225				0,990	0,67
48,0	1 7/8"	58,0	2,28"	5,0	75	15,0	225				1,050	0,71
51,0	2"	61,0	2,40"	5,0	75	15,0	225				1,120	0,76
55,0	2 1/6"	65,0	2,56"	5,0	75	15,0	225				1,190	0,80
57,0	2 1/4"	67,0	2,64"	5,0	75	15,0	225				1,230	0,83
60,0	2 3/8"	70,0	2,76"	5,0	75	15,0	225				1,290	0,87
63,0	2 1/2"	73,0	2,87"	5,0	75	15,0	225				1,350	0,91
70,0	2 3/4"	80,0	3,15"	5,0	75	15,0	225				1,450	0,98
76,0	3"	86,0	3,39"	5,0	75	15,0	225				1,560	1,05
80,0	3 1/8"	90,0	3,54"	5,0	75	15,0	225				1,640	1,11
90,0	3 1/2"	102,0	4,02"	5,0	75	15,0	225				2,030	1,37
102,0	4"	114,0	4,49"	5,0	75	15,0	225				2,270	1,53
110,0	4 5/16"	122,0	4,80"	5,0	75	15,0	225				2,430	1,64
115,0	4 1/2"	127,0	5,00"	5,0	75	15,0	225				2,530	1,71
127,0	5"	141,0	5,55"	5,0	75	15,0	225				3,230	2,18

HOT WATER & STEAM

PHTHALATE & BPA FREE

2004/1935 EC 2006/2023 EC

IANESCO

350LE

Steam 6 bar (90 psi) - Hot water 15 bar (225 psi) FDA - 3-A - arrêté du 09/11/94 D

Tube: white EPDM.
Reinforcement: high tensile textile cords.
Cover: blue EPDM - heat, abrasion and ozone resistant.
Application: saturated steam and hot water delivery in general industrial applications.
Specially designed for wash down use in the food and dairy industry.
Also suitable for liquid food and alcoholic beverages.
Constant operation: water -40 °C +120 °C (-40 °F +248 °F) steam +165 °C (+330 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	23,0	0,91"	6,0	90	60,0	900				0,360	0,25
16,0	5/8"	26,0	1,02"	6,0	90	60,0	900				0,420	0,29
19,0	3/4"	31,0	1,22"	6,0	90	60,0	900				0,590	0,40
25,0	1"	37,0	1,46"	6,0	90	60,0	900				0,740	0,50
32,0	1 1/4"	46,0	1,81"	6,0	90	60,0	900				0,930	0,63
38,0	1 1/2"	52,0	2,05"	6,0	90	60,0	900				1,090	0,74
51,0	2"	67,0	2,64"	6,0	90	60,0	900				1,660	1,12

HOT WATER & STEAM

Ω
R≤10⁶Ω

Ω/T
R≤10⁹Ω

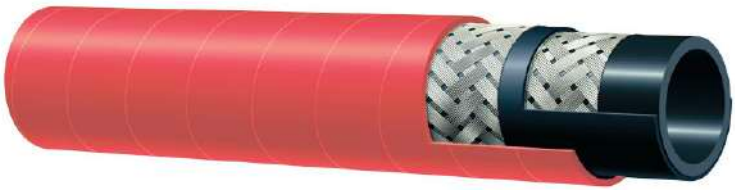
350AA

Steam 6 bar (90 psi) - Hot water 15 bar (225 psi)

Tube: black conductive EPDM.
Reinforcement: high tensile textile cords.
Cover: black conductive EPDM - heat, abrasion and ozone resistant.
Application: saturated steam and hot water delivery in general industrial applications.
Constant operation: water -40 °C +120 °C (-40 °F +248 °F) steam +165 °C (+330 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	23,0	0,91"	6,0	90	60,0	900				0,370	0,25
16,0	5/8"	26,0	1,02"	6,0	90	60,0	900				0,430	0,29
19,0	3/4"	29,0	1,14"	6,0	90	60,0	900				0,470	0,32
25,0	1"	35,0	1,38"	6,0	90	60,0	900				0,590	0,40
30,0	1 3/16"	44,0	1,73"	6,0	90	60,0	900				0,910	0,62
32,0	1 1/4"	46,0	1,81"	6,0	90	60,0	900				0,950	0,64
38,0	1 1/2"	52,0	2,05"	6,0	90	60,0	900				1,110	0,75
40,0	1 9/16"	54,0	2,13"	6,0	90	60,0	900				1,160	0,78
51,0	2"	67,0	2,64"	6,0	90	60,0	900				1,710	1,15

HOT WATER & STEAM



EXTRUDED TUBE

340AH

Steam 18 bar (270 psi) - Steel braided

Tube: black conductive EPDM.
Reinforcement: high tensile textile cords.
Cover: black conductive EPDM - heat, abrasion and ozone resistant.
Application: saturated steam and hot water delivery in general industrial applications.
Constant operation: water -40 °C +120 °C (-40 °F +248 °F) steam +165 °C (+330 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	23,0	0,91"	18,0	270	180,0	2610	130,0	5,12"		0,400	0,27
16,0	5/8"	26,0	1,02"	18,0	270	180,0	2610	160,0	6,30"		0,480	0,33
19,0	3/4"	31,0	1,22"	18,0	270	180,0	2610	190,0	7,48"		0,740	0,50
25,0	1"	38,0	1,50"	18,0	270	180,0	2610	250,0	9,84"		0,900	0,61
32,0	1 1/4"	46,0	1,81"	18,0	270	180,0	2610	320,0	12,60"		1,190	0,80
38,0	1 1/2"	52,0	2,05"	18,0	270	180,0	2610	380,0	14,96"		1,340	0,91
51,0	2"	67,0	2,64"	18,0	270	180,0	2610	510,0	20,08"		2,130	1,44
63,0	2 1/2"	81,0	3,19"	18,0	270	180,0	2610	630,0	24,80"		2,990	2,01
76,0	3"	94,0	3,70"	18,0	270	180,0	2610	760,0	29,92"		3,970	2,67

HOT WATER & STEAM

Ω
R≤10⁶Ω

Ω/T
R≤10⁹Ω

EXTRUDED TUBE

345AA

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

Tube: black conductive chlorobutyl blend.
Reinforcement: high tensile steel wire braids.
Cover: black EPDM - heat, abrasion and ozone resistant - pin pricked.
Application: saturated and superheated steam.
Constant operation: -40 °C +210 °C (-40 °F +410 °F) intermittent to 232 °C (450 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
19,0	3/4"	33,0	1,30"	18,0	270	180,0	2610	190,0	7,48"		0,840	0,57
25,0	1"	40,0	1,57"	18,0	270	180,0	2610	250,0	9,84"		1,030	0,70
51,0	2"	69,0	2,72"	18,0	270	180,0	2610	510,0	20,08"		2,300	1,55

FOOD

400LE_MULTI FOOD S&D

ULTRAJET 200

350LE: Steam 6 bar (90 psi) - Hot water 15 bar (225 psi)
FDA - 3-A - arrêté du 09/11/94 D

472OO: General purpose food quality S&D - PVC
FDA - EU 10/2011 A+B+C - AS 2070

492OO: General purpose food quality - PVC FDA
- EU 10/2011 A+B+C - AS 2070

490OO: General purpose tubing - PVC FDA

FOOD

M
R≤10²Ω

400LE_MULTI FOOD S&D

Construction

Tube: while synthetic rubber specially compounded to satisfy the highest food industry standards
Reinforcement: high tensile textile cords with embedded steel helix wire
Cover: blue synthetic rubber ideal in applications where ozone, weathering & abrasion resistance are required

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
25,0	1"	36,00	1,42	10	150	30	450	50,0	1,97	100	0,690	0,47
32,0	1 1/4"	43,00	1,69	10	150	30	450	64,0	2,52	100	0,840	0,57
38,0	1 1/2"	49,00	1,93	10	150	30	450	76,0	2,99	100	0,980	0,66
51,0	2"	63,00	2,48	10	150	30	450	102,0	4,02	100	1,270	0,86
63,0	2 1/2"	76,00	2,99	10	150	30	450	126,0	4,96	90	2,020	1,37
76,0	3"	89,00	3,50	10	150	30	450	152,0	5,98	90	2,400	1,62
102,0	4"	116,00	4,47	10	150	30	450	204,0	8,03	90	3,380	2,28

FOOD

ULTRAJET 200

Tube: oil resistant synthetic rubber.
Reinforcement: one high tensile textile braid.
Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.
Application: specially designed for professional and industrial high pressure cleaning. Antimicrobial protection.
Constant operation: -40 °C +121 °C (-40 °F +250 °F)
Length: fixed and random

Part Num	ID (dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
8V4AE010	10	10,00	3/8"	19,0	0,7	20,0	2900	50,0	7250	25	0,98	0,242	0,16
8V4AE012	12	13,00	1/2"	20,7	0,81	20,0	2900	50,0	7250	100	3,94	0,281	0,19

FOOD

PHTHALATE & BPA FREE

2004/1935 EC 2006/2023 EC

IANESCO

350LE

Steam 6 bar (90 psi) - Hot water 15 bar (225 psi) FDA - 3-A - arrêté du 09/11/94 D

Tube: white EPDM.
Reinforcement: high tensile textile cords.
Cover: blue EPDM - heat, abrasion and ozone resistant.
Application: saturated steam and hot water delivery in general industrial applications.
Specially designed for wash down use in the food and dairy industry.
Also suitable for liquid food and alcoholic beverages.
Constant operation: water -40 °C +120 °C (-40 °F +248 °F) steam +165 °C (+330 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	23,0	0,91"	6,0	90	60,0	900				0,360	0,25
16,0	5/8"	26,0	1,02"	6,0	90	60,0	900				0,420	0,29
19,0	3/4"	31,0	1,22"	6,0	90	60,0	900				0,590	0,40
25,0	1"	37,0	1,46"	6,0	90	60,0	900				0,740	0,50
32,0	1 1/4"	46,0	1,81"	6,0	90	60,0	900				0,930	0,63
38,0	1 1/2"	52,0	2,05"	6,0	90	60,0	900				1,090	0,74
51,0	2"	67,0	2,64"	6,0	90	60,0	900				1,660	1,12

FOOD

PHTHALATE & BPA FREE

2004/1935 EC
2006/2023 EC

47200

General purpose food quality S&D - PVC FDA - EU 10/2011 A+B+C - AS 2070

Construction: transparent PVC - abrasion and ozone resistant.
Reinforcement: Steel helix wire.
Application: general purpose liquid food and alcoholic beverages suction and delivery - max 20%. Sterilize with 5% soda solution.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
10,0	3/8"	16,0	0,63"	15,0	225	45,0	650	40,0	1,57"	90	0,160	0,11
13,0	1/2"	19,0	0,75"	7,0	100	21,0	300	52,0	2,05"	85	0,195	0,14
14,0	9/16"	20,0	0,79"	6,0	90	18,0	270	56,0	2,20"	85	0,210	0,15
16,0	5/8"	22,0	0,87"	6,0	90	18,0	270	64,0	2,52"	85	0,210	0,17
18,0	23/32"	25,0	0,87"	6,0	90	18,0	270	72,0	2,83"	85	0,250	0,21
20,0	13/16"	27,0	0,98"	5,0	75	15,0	225	80,0	3,15"	85	0,300	0,23
22,0	7/8"	29,0	1,06"	5,0	75	15,0	225	88,0	3,46"	85	0,330	0,26
25,0	1"	33,0	1,14"	5,0	75	15,0	225	100,0	3,94"	85	0,380	0,35
30,0	1 3/16"	38,0	1,30"	4,0	60	12,0	180	120,0	4,72"	85	0,515	0,41
32,0	1 1/4"	40,0	1,50"	4,0	60	12,0	180	128,0	5,04"	85	0,610	0,44
35,0	1 3/8"	44,0	1,57"	4,0	60	12,0	180	140,0	5,51"	85	0,650	0,53
38,0	1 1/2"	47,0	1,73"	4,0	60	12,0	180	152,0	5,98"	85	0,785	0,55
40,0	1 9/16"	49,0	1,85"	3,0	45	9,0	135	160,0	6,30"	85	0,810	0,60
45,0	1 3/4"	55,0	1,93"	3,0	45	9,0	135	180,0	7,09"	80	0,885	0,74
51,0	2"	61,0	2,17"	3,0	45	9,0	135	204,0	8,03"	80	1,100	0,83
60,0	2 3/8"	72,0	2,40"	2,0	30	6,0	90	240,0	9,45"	80	1,230	1,15
63,0	2 1/2"	75,0	2,83"	2,0	30	6,0	90	252,0	9,92"	80	1,700	1,20
70,0	2 3/4"	84,0	2,95"	2,0	30	6,0	90	280,0	11,02"	80	1,775	1,37
76,0	3"	90,0	3,31"	2,0	30	6,0	90	304,0	11,97"	70	2,030	1,58
80,0	3 1/8"	94,0	3,70"	2,0	30	6,0	90	320,0	12,60"	70	2,350	1,69
90,0	3 1/2"	104,0	4,09"	2,0	30	6,0	90	360,0	14,17"	70	2,500	2,02
102,0	4"	116,0	4,57"	2,0	30	6,0	90	408,0	16,06"	70	3,480	2,34
105,0	4 1/8"	121,0	4,76"	3,0	45	9,0	135	420,0	16,54"	90	4,250	2,86
152,0	6"	172,0	6,77"	2,0	30	6,0	90	608,0	23,94"	70	7,200	4,84

FOOD

PHTHALATE & BPA FREE

2004/1935 EC
2006/2023 EC

49200

General purpose food quality - PVC FDA - EU 10/2011 A+B+C - AS 2070

Tube: transparent PVC.
Reinforcement: high tensile textile cords.
Cover: transparent PVC with longitudinal red stripes - abrasion and ozone resistant.
Application: general purpose food quality. Sterilize with 5% soda solution.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
6,0	1/4"	11,00	0,43"	20,0	300	60,0	900				0,085	0,06
6,0	1/4"	12,00	0,47"	20,0	300	60,0	900				0,110	0,08
8,0	5/16"	13,00	0,51"	15,0	225	45,0	650				0,105	0,08
8,0	5/16"	14,00	0,55"	15,0	225	45,0	650				0,130	0,09
10,0	3/8"	15,00	0,59"	15,0	225	45,0	650				0,125	0,09
10,0	3/8"	16,00	0,63"	15,0	225	45,0	650				0,155	0,11
13,0	1/2"	19,00	0,75"	10,0	150	30,0	450				0,190	0,13
16,0	5/8"	22,00	0,87"	10,0	150	30,0	450				0,225	0,16
19,0	3/4"	25,00	0,98"	10,0	150	30,0	450				0,260	0,18
19,0	3/4"	26,00	1,02"	10,0	150	30,0	450				0,310	0,21
25,0	1"	32,00	1,26"	10,0	150	30,0	450				0,390	0,27
25,0	1"	33,00	1,30"	10,0	150	30,0	450				0,450	0,31
30,0	1 3/16"	38,00	1,50"	7,0	100	21,0	300				0,530	0,36
32,0	1 1/4"	42,00	1,65"	7,0	100	21,0	300				0,715	0,49
38,0	1 1/2"	48,00	1,89"	7,0	100	21,0	300				0,830	0,56
51,0	2"	63,00	2,48"	6,0	90	18	270				1,330	0,90

FOOD

PHTHALATE & BPA FREE

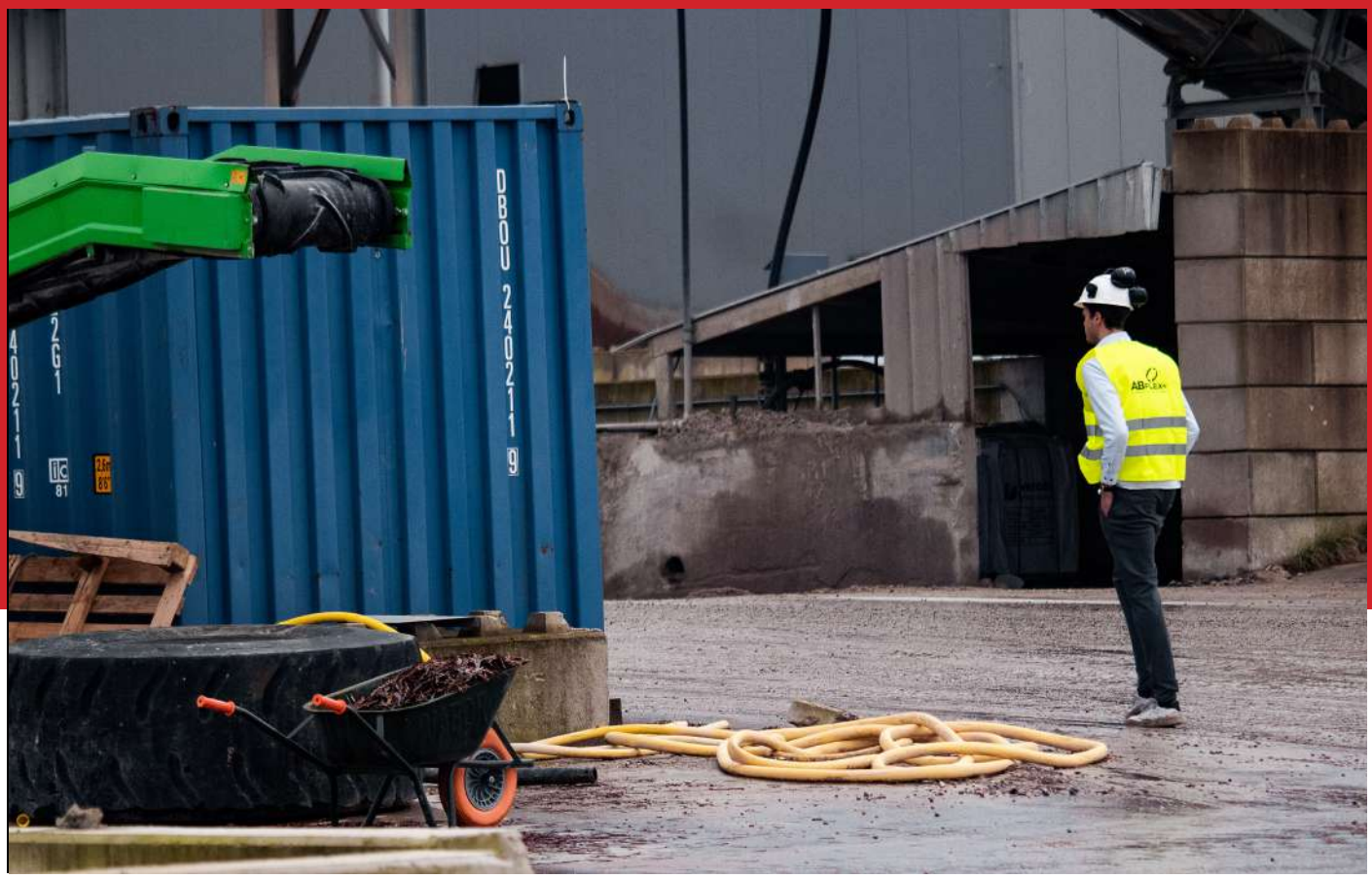
49000

General purpose tubing - PVC FDA

Tube: transparent PVC.
Application: general purpose.
Sterilize with 5% soda solution.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
3,0	1/8"	5,00	0,20"								0,015	0,02
4,0	5/32"	6,00	0,24"								0,020	0,02
5,0	3/16"	8,00	0,31"								0,040	0,03
6,0	1/4"	9,00	0,35"								0,045	0,04
7,0	9/32"	11,00	0,43"								0,070	0,05
8,0	5/16"	12,00	0,47"								0,080	0,06
10,0	3/8"	14,00	0,55"								0,095	0,07
12,0	15/32"	16,00	0,63"								0,110	0,08
14,0	9/16"	19,00	0,75"								0,160	0,11
16,0	5/8"	22,00	0,87"								0,220	0,15
18,0	23/32"	24,00	0,94"								0,245	0,17
20,0	13/16"	26,00	1,02"								0,265	0,18
22,0	7/8"	28,00	1,10"								0,290	0,20
25,0	1"	32,00	1,26"								0,415	0,28

BULK



714AA: Drill cutting suction 5 bar (75 psi) - Corrugated
719AA: Abrasive slurry S&D 10 bar (150 psi)
- Corrugated - ALFATRACTO muff couplings

BULK

M
R≤10²Ω

714AA

Drill cutting suction 5 bar (75 psi) - Corrugated

Tube: red NR - abrasion resistant
Reinforcement: high tensile textile cords with embedded steel helix wire - antistatic wire
Cover: black conductive SBR/NR - abrasion and ozone resistant
Application: bulk material suction and delivery.
Specially designed for drill cutting suction in mobile drilling rigs.
Corrugated construction for maximum flexibility.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"	63,00	2,48	5	75	15	225	127,0	5,00	100	1,190	0,80
63,0	2 1/2"	77,00	3,03	5	75	15	225	157,0	6,18	90	1,860	1,26
76,0	3"	92,00	3,62	5	75	15	225	190,0	7,48	90	2,560	1,73
102,0	4"	119,00	4,69	5	75	15	225	255,0	10,04	90	3,560	2,41
115,0	4 1/2"	129,00	5,08	5	75	15	225	287,0	11,30	90	4,070	2,74
127,0	5"	141,00	5,55	5	75	15	225	318,0	12,52	80	4,710	3,17
152,0	6"	166,00	6,54	5	75	15	225	380,0	14,96	80	5,580	3,76

BULK

719AA

Abrasive slurry S&D 10 bar (150 psi) - Corrugated - ALFATRACTO muff couplings

Tube: : black conductive NR - abrasion resistance 50 mm³ (ISO 4649/A).
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: black conductive CR - abrasion, ozone, sea water and hydrocarbon resistant.
Application: bulk material and abrasive slurries suction and delivery in heavy duty applications.
Designed for ALFATRACTO 719 muff coupling use.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"	75,00	2,95	10	150	30	450	255,0	10,04	90	3,100	2,09
63,0	2 1/2"	88,00	3,46	10	150	30	450	315,0	12,40	90	4,000	2,69
76,0	3"	114,00	4,49	10	150	30	450	380,0	14,96	90	7,300	4,91
102,0	4"	133,00	5,24	10	150	30	450	510,0	20,08	90	8,000	5,38
127,0	5"	162,00	6,38	10	150	30	450	635,0	25,00	90	12,100	8,14
152,0	6"	188,00	7,40	10	150	30	450	760,0	29,92	90	14,100	9,48
203,0	8"	241,00	9,49	10	150	30	450	1624,0	63,94	80	19,500	13,11
254,0	10"	292,00	11,50	10	150	30	450	2032,0	80,00	80	24,400	16,40
305,0	12"	348,00	13,70	10	150	30	450	2440,0	96,06	80	36,900	24,80

SANDBLAST

753AA: Sandblast 12 bar (180 psi) - Premium quality
755AA: Sandblast 12 bar (180 psi) - Top quality

SANDBLAST

753AA

Sandblast 12 bar (180 psi) - Premium quality

Tube: black conductive NR - abrasion resistance 50 mm³ (ISO 4649/A).
Reinforcement: high tensile textile cords.
Cover: black SBR/NR - abrasion and ozone resistant - pin pricked.
Application: abrasive material blasting.
Designed for long service life in heavy duty applications.
Constant operation: -40 °C +80 °C (-40 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	27,0	1,06"	12,0	180	36,0	540				0,540	0,37
19,0	3/4"	33,0	1,30"	12,0	180	36,0	540				0,700	0,48
19,0	3/4"	38,0	1,50"	12,0	180	36,0	540				0,990	0,67
19,0	3/4"	40,0	1,57"	12,0	180	36,0	540				1,150	0,78
25,0	1"	39,0	1,54"	12,0	180	36,0	540				0,860	0,58
25,0	1"	48,0	1,89"	12,0	180	36,0	540				1,520	1,03
32,0	1 1/4"	48,0	1,89"	12,0	180	36,0	540				1,220	0,82
32,0	1 1/4"	55,0	2,17"	12,0	180	36,0	540				1,810	1,22
38,0	1 1/2"	55,0	2,17"	12,0	180	36,0	540				1,630	1,10
38,0	1 1/2"	60,0	2,36"	12,0	180	36,0	540				2,050	1,38
51,0	2"	71,0	2,80"	12,0	180	36,0	540				2,380	1,60
51,0	2"	73,0	2,87"	12,0	180	36,0	540				2,640	1,78
51,0	2"	76,0	2,99"	12,0	180	36,0	540				2,910	1,96

SANDBLAST

TOP

36 mm³

755AA

Sandblast 12 bar (180 psi) - Top quality

Tube: black conductive NR - abrasion resistance 36 mm³ (ISO 4649/A).
Reinforcement: high tensile textile cords.
Cover: black SBR/NR - abrasion and ozone resistant - pin pricked.
Application: abrasive material blasting.
Designed for long service life in heavy duty application.
Constant operation: -40 °C +80 °C (-40 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
19,0	3/4"	33,0	1,30"	12,0	180	36,0	540				0,740	0,50
25,0	1"	39,0	1,54"	12,0	180	36,0	540				0,910	0,62
32,0	1 1/4"	48,0	1,89"	12,0	180	36,0	540				1,280	0,87
38,0	1 1/2"	55,0	2,17"	12,0	180	36,0	540				1,470	0,99
51,0	2"	71,0	2,80"	12,0	180	36,0	540				2,430	1,64

PLASTER

757AA: Sandblast 12 bar (180 psi) - Top quality

755AA: Sandblast 12 bar (180 psi) - Top quality

PLASTER

Ω
R≤10⁶Ω

757AA

Sandblast 12 bar (180 psi) - Top quality

Tube: black conductive NR - abrasion resistant.
Reinforcement: high tensile textile cords.
Cover: black SBR/NR - abrasion and ozone resistant - pin pricked.
Application: plaster pumping.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

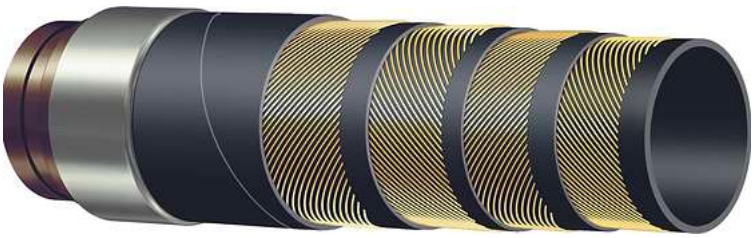
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
25,0	1"	38,0	1,50"	40,0	600	100,0	1500				0,700	0,48
32,0	1 1/4"	46,0	1,81"	40,0	600	100,0	1500				0,870	0,59
35,0	1 3/8"	49,0	1,93"	40,0	600	100,0	1500				1,960	0,65
38,0	1 1/2"	54,0	2,13"	40,0	600	100,0	1500				1,190	0,80
51,0	2"	67,0	2,64"	40,0	600	100,0	1500				1,600	1,08

CONCRETE

740AA: Concrete pumping 85 bar (1275 psi) - Heavy duty - Steel reinforced

74SAA: Concrete pumping 85 bar (1275 psi) - Heavy duty - Textile reinforced

CONCRETE



Ω
R≤10⁶Ω

740AA

Concrete pumping 85 bar (1275 psi) - Heavy duty - Steel reinforced

Tube: black conductive NR - abrasion resistant.
Reinforcement: high tensile steel cords.
Cover: black conductive SBR/NR - abrasion and ozone resistant.
Application: : high pressure concrete pumping.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"	69,0	2,72"	85,0	1275	170,0	2500	255,0	10,04"		2,100	1,42
63,0	2 1/2"	85,0	3,35"	85,0	1275	170,0	2500	315,0	12,40"		3,300	2,22
76,0	3"	100,0	3,94"	85,0	1275	170,0	2500	380,0	14,96"		4,490	3,02
90,0	3 1/2"	116,0	4,57"	85,0	1275	170,0	2500	450,0	17,72"		5,430	3,65
102,0	4"	126,0	4,96"	85,0	1275	170,0	2500	510,0	20,08"		6,520	4,39
127,0	5"	153,0	6,02"	85,0	1275	170,0	2500	635,0	25,00"		9,720	6,54
152,0	6"	184,0	7,24"	85,0	1275	170,0	2500	760,0	29,92"		13,660	9,19

CONCRETE

74SAA

Concrete pumping 85 bar (1275 psi) - Heavy duty - Textile reinforced

Tube: black conductive NR - abrasion resistant.
Reinforcement: high tensile textile cords.
Cover: black conductive SBR/NR - abrasion and ozone resistant.
Application: high pressure concrete pumping. Special ligthweight construction.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)
Safety factor: 2:1

mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lb/ft
51,0	2"	71,00	2,80	85	1275	170	2500	255,0	10,04	2,150	1,45
63,0	2 1/2"	83,00	3,27	85	1275	170	2500	315,0	12,40	2,640	1,78
76,0	3"	101,00	3,98	85	1275	170	2500	380,0	14,96	3,650	2,46
90,0	3 1/2"	116,00	4,57	85	1275	170	2500	450,0	17,72	4,270	2,87
102,0	4"	128,00	5,04	85	1275	170	2500	510,0	20,08	4,960	3,34

ACID & CHEMICAL

955AA: DEF urea solution 20 bar (300 psi) - Textile braided
503AA: Acid-chemical S&D 16 bar (240 psi) - EPDM EN 12115
529AA: Acid-chemical S&D 16 bar (240 psi) - UPE
EN 12115 - EU 10/2011 A+B+C+D2

ACID & CHEMICAL

Ω
R≤10⁶Ω

EXTRUDED TUBE

955AA

DEF urea solution 20 bar (300 psi) - Textile braided

Tube: black conductive sulphur free EPDM.
Reinforcement: high tensile texile wire braids.
Cover: black conductive EPDM - abrasion and ozone resistant.
Application: Diesel Exhaust Fluid/AUS32 urea solution dispensing and transfer.
Tested according to ISO 22241-2 to guarantee high purity of the dispended solution.
Constant operation: -40 °C +100 °C (-40 °F +212 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	23,0	0,91"	20,0	300	60,0	900	91,0	3,58"		0,290	0,20
16,0	5/8"	26,0	1,02"	20,0	300	60,0	900	112,0	4,41"		0,340	0,23
19,0	3/4"	29,0	1,14"	20,0	300	60,0	900	133,0	5,24"		0,390	0,27
25,0	1"	35,0	1,38"	20,0	300	60,0	900	175,0	6,89"		0,490	0,33

ACID & CHEMICAL

Ω
R≤10⁶Ω

EXTRUDED TUBE

503AA

Acid-chemical S&D 16 bar (240 psi) - EPDM EN 12115

Tube: black conductive EPDM.
Reinforcement: high tensile textile cords with embedded steel helix wire - antistatic wire.
Cover: black conductive EPDM - abrasion, ozone and fire resistant.
Application: acid and chemical suction and delivery.
Suitable to be used in potentially explosive environments.
Constant operation: -30 °C +100 °C (-22 °F +212 °F) depending on conveyed chemical

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
19,0	3/4"	31,0	1,22"	16,0	240	64,0	960	95,0	3,74"	90	0,730	0,50
25,0	1"	37,0	1,46"	16,0	240	64,0	960	125,0	4,92"	90	0,900	0,61
32,0	1 1/4"	44,0	1,73"	16,0	240	64,0	960	160,0	6,30"	90	1,080	0,73
38,0	1 1/2"	51,0	2,01"	16,0	240	64,0	960	190,0	7,48"	90	1,240	0,84
50,0	2"	66,0	2,60"	16,0	240	64,0	960	250,0	9,84"	90	0,880	1,27
51,0	2"	67,0	2,64"	16,0	240	64,0	960	250,0	9,84"	90	1,910	1,29
63,0	2 1/2"	79,0	3,11"	16,0	240	64,0	960	300,0	11,81"	90	2,480	1,67
75,0	3"	91,0	3,58"	16,0	240	64,0	960	350,0	13,78"	80	2,960	1,99
76,0	3"	92,0	3,62"	16,0	240	64,0	960	350,0	13,78"	80	2,990	2,01
100,0	4"	116,0	4,57"	16,0	240	64,0	960	450,0	17,72"	80	3,970	2,67
102,0	4"	118,0	4,65"	16,0	240	64,0	960	450,0	17,72"	80	4,040	2,72

ACID & CHEMICAL

Ω R≤10⁶Ω

Ω/T R≤10⁹Ω

2004/1935 EC 2006/2023 EC

529AA

Acid-chemical S&D 16 bar (240 psi) - UPE EN 12115 - EU 10/2011 A+B+C+D2

Tube: black conductive UPE (Ultra High Molecular Weight Polyethylene).
Reinforcement: high tensile textile cords with embedded steel helix wire - antistatic wire.
Cover: black conductive EPDM - abrasion, ozone and fire resistant.
Application: acid and chemical suction and delivery. Suitable for 98% of existing chemicals. Suitable to be used in potentially explosive environments.
Constant operation: -30 °C +100 °C (-22 °F +212 °F) depending on conveyed chemical

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
19,0	3/4"	31,0	1,22"	16,0	240	64,0	960	114,0	4,49"	90	0,670	0,46
25,0	1"	37,0	1,46"	16,0	240	64,0	960	150,0	5,91"	90	0,830	0,56
32,0	1 1/4"	44,0	1,73"	16,0	240	64,0	960	192,0	7,56"	90	1,000	0,68
38,0	1 1/2"	51,0	2,01"	16,0	240	64,0	960	228,0	8,98"	90	1,300	0,88
50,0	2"	66,0	2,60"	16,0	240	64,0	960	300,0	11,81"	90	1,960	1,32
51,0	2"	67,0	2,64"	16,0	240	64,0	960	300,0	11,81"	90	1,990	1,34
75,0	3"	91,0	3,58"	16,0	240	64,0	960	450,0	17,72"	90	3,070	2,07
76,0	3"	92,0	3,62"	16,0	240	64,0	960	450,0	17,72"	80	3,110	2,10
100,0	4"	116,0	4,57"	16,0	240	64,0	960	600,0	23,62"	80	4,120	2,77
102,0	4"	118,0	4,65"	16,0	240	64,0	960	600,0	23,62"	80	4,190	2,82

HYDROCARBON

634AA: Oil suction & return - extra flexible exceeds SAE 100R4

619AA: Fuel-oil S&D 16 bar (240 psi)

EN 12115 - exceeds EN 1761 - TRbF 131/2

654AA: Multi-fuel 20 bar (300 psi) SAE J30R7

HYDROCARBON

634AA

Oil suction & return - extra flexible exceeds SAE 100R4

Tube: Black conductive NBR.
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: black CR - abrasion, ozone, hydrocarbon and flame resistant.
Application: hydraulic oil suction and return lines requiring tight bend radius.
Constant operation: -40 °C +100 °C (-40 °F +212 °F)

mm	in	mm	in	bar	psi	mm	in	%	kg/m	lb/ft
19,0	3/4"	29,0	1,14"	25,0	375	38,0	1,50"	100	0,580	0,40
25,0	1"	35,0	1,38"	20,0	300	50,0	2,00"	100	0,750	0,51
32,0	1 1/4"	42,0	1,65"	17,0	250	64,0	2,50"	100	0,920	0,62
38,0	1 1/2"	48,0	1,89"	10,0	150	76,0	3,00"	100	1,070	0,72
51,0	2"	61,0	2,40"	7,0	100	102,0	4,00"	100	1,390	0,94
63,0	2 1/2"	75,0	2,95"	5,0	75	126,0	5,00"	100	2,100	1,42
76,0	3"	88,0	3,46"	5,0	75	152,0	6,00"	100	2,600	1,75
102,0	4"	116,0	4,57"	5,0	75	204,0	8,00"	100	3,410	2,30

HYDROCARBON

Ω
R≤10⁶Ω

Ω/T
R≤10⁹Ω

619AA

Fuel-oil S&D 16 bar (240 psi)
EN 12115 - exceeds EN 1761 - TRbF 131/2

Tube: black conductive NBR.
Reinforcement: high tensile textile cords with embedded steel.
helix wire - antistatic wire.
Cover: black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.
Application: fuel and oil suction and delivery. Designed for long service life in heavy duty applications. Suitable to be used in potentially explosive environments.
Constant operation: -30 °C +70 °C (-22 °F +158 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
19,0	3/4"	31,0	1,22"	16,0	240	64,0	960	95,0	3,74"	100	0,690	0,47
25,0	1"	37,0	1,46"	16,0	240	64,0	960	150,0	5,91"	100	0,850	0,58
32,0	1 1/4"	44,0	1,73"	16,0	240	64,0	960	175,0	6,89"	100	1,030	0,70
38,0	1 1/2"	51,0	2,01"	16,0	240	64,0	960	225,0	8,86"	100	1,180	0,80
50,0	2"	66,0	2,60"	16,0	240	64,0	960	275,0	10,83"	100	1,760	1,19
51,0	2"	67,0	2,64"	16,0	240	64,0	960	275,0	10,83"	100	2,010	1,36
63,0	3"	79,0	3,11"	16,0	240	64,0	960	300,0	11,81"	90	2,590	2,75
75,0	3"	91,0	3,58"	16,0	240	64,0	960	350,0	13,78"	90	2,790	1,88
76,0	3"	92,0	3,62"	16,0	240	64,0	960	350,0	13,78"	90	2,820	1,90
100,0	4"	116,0	4,57"	16,0	240	64,0	960	450,0	17,72"	90	3,760	2,53
102,0	4"	118,0	4,65"	16,0	240	64,0	960	450,0	17,72"	90	3,820	2,57

HYDROCARBON

Ω
R≤10⁶Ω

654AA

Multi-fuel 20 bar (300 psi) SAE J30R7

Tube: black conductive NBR.
Reinforcement: high tensile textile cords.
Cover: black conductive CR - abrasion, ozone and hydrocarbon resistant.
Application: fuel and oil delivery. Also suitable for automotive and marine fuel transfer.
Constant operation: -40 °C +125 °C (-40 °F +257 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
6,0	1/4"	12,0	0,47"	20,0	300	60,0	900				0,110	0,08
8,0	5/16"	14,0	0,55"	20,0	300	60,0	900				0,130	0,09
10,0	3/8"	16,0	0,63"	20,0	300	60,0	900				0,160	0,11
13,0	1/2"	20,0	0,79"	20,0	300	60,0	900				0,220	0,15
16,0	5/8"	24,0	0,94"	20,0	300	60,0	900				0,300	0,21
19,0	3/4"	27 ,0	1,06"	20,0	300	60,0	900				0,330	0,23
25,0	1"	34,0	1,34"	20,0	300	60,0	900				0,220	0,15

RIG SUPPLY

615AA: Rig supply hard wall - Fuel-liquid mud 20 bar (300 psi)
648AA: Rig supply soft wall - Fuel-liquid mud 20 bar (300 psi)

RIG SUPPLY

Ω
R≤10⁶Ω

615AA

Rig supply hard wall - Fuel-liquid mud 20 bar (300 psi)

Tube: black conductive NBR.
Reinforcement: high tensile textile cords with embedded steel helix wire - antistatic wire.
Cover: black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.
Application: fuel, oil and liquid mud transfer from supply vessels to offshore platforms.
Also suitable for sea water pumping and barite transfer.
Also available in self floating version. Reserve buoyancy calculated according to GMPHOM 2009 standard.
Tensile end load resistance:
ID 2" 2.000 kg
ID 3" 4.000 kg
ID 4" 7.000 kg
ID ≥ 5" 10.000 kg
ABS Type approved hose assemblies: Electrically continuous.
Constant operation: -30 °C +90 °C (-22 °F +194 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"	67,0	2,64"	20,0	300	80,0	1200	255,0	10,04"	100	2,210	1,49
76,0	3"	94,0	3,70"	20,0	300	80,0	1200	380,0	14,96"	90	3,740	2,52
102,0	4"	122,0	4,80"	20,0	300	80,0	1200	510,0	20,09"	90	5,470	3,68
127,0	5"	149,0	5,87"	20,0	300	80,0	1200	635,0	25,00"	90	7,760	5,22
152,0	6"	176,0	6,93"	20,0	300	80,0	1200	760,0	29,92"	90	10,200	6,86
203,0	8"	237 ,0	9,33"	20,0	300	80,0	1200	1015,0	39,96"	90	19,060	12,81

RIG SUPPLY

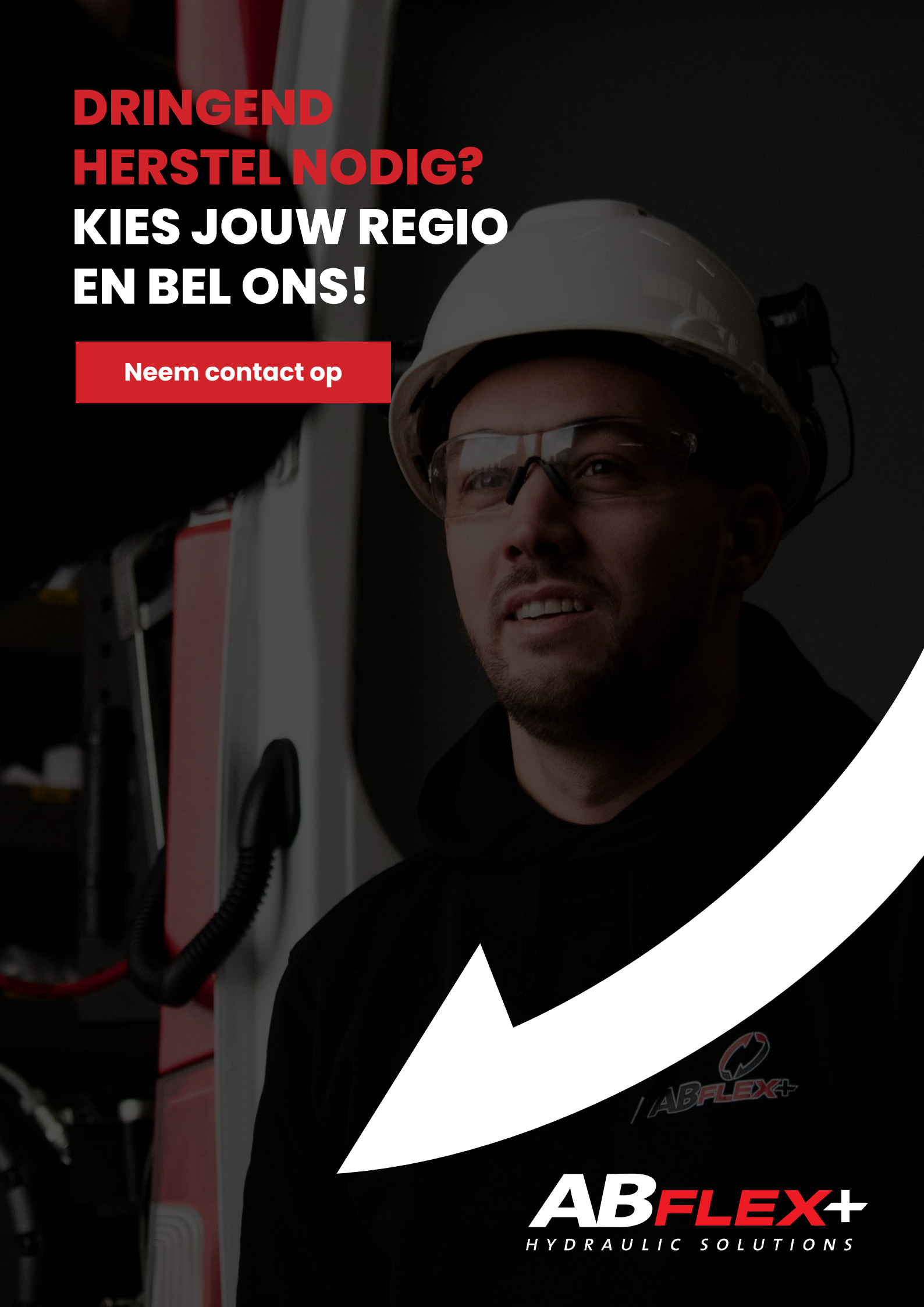
Ω
R≤10⁶Ω

648AA

Rig supply soft wall - Fuel-liquid mud 20 bar (300 psi)

Tube: black conductive NBR.
Reinforcement: high tensile textile cords - antistatic wire.
Cover: black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.
Application: fuel, oil and liquid mud transfer from supply vessels to offshore platforms.
Also suitable for sea water pumping and barite transfer.
Specially designed for reeling applications and weak link couplings use.
Tensile end load resistance:
ID 2" 2.000 kg
ID 3" 4.000 kg
ID 4" 7.000 kg
ID ≥ 5" 10.000 kg
ABS Type approved hose assemblies: Electrically continuous.
Constant operation: -30 °C +90 °C (-22 °F +194 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"	67,0	2,64"	20,0	300	80,0	1200	306,0	12,05"		1,880	1,27
76,0	3"	94,0	3,70"	20,0	300	80,0	1200	456,0	17,95"		2,950	1,99
102,0	4"	122,0	4,72"	20,0	300	80,0	1200	612,0	24,09"		3,900	2,63
127,0	5"	149,0	5,79"	20,0	300	80,0	1200	762,0	30,00"		5,640	3,80
152,0	6"	176,0	6,93"	20,0	300	80,0	1200	912,0	35,91"		8,030	5,40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