



// ACID CHEMICAL & MULTIPURPOSE



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// 984AH



Multipurpose 20 bar (300 psi)

Tube: black synthetic elastomer.
Reinforcement: high tensile textile cords.
Cover: red synthetic elastomer with longitudinal blue stripes - abrasion, ozone and hydrocarbon resistant.
Application: compressed air, water, fuel and oil delivery in 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"	13,00	0,51	20	300	60	900	48,0	1,89		0,140	0,10
8,0	5/16"	15,00	0,59	20	300	60	900	64,0	2,52		0,170	0,12
10,0	3/8"	17,00	0,67	20	300	60	900	80,0	3,15		0,200	0,14
13,0	1/2"	21,00	0,83	20	300	60	900	104,0	4,09		0,275	0,19
16,0	5/8"	25,00	0,98	20	300	60	900	128,0	5,04		0,370	0,25
19,0	3/4"	29,00	1,14	20	300	60	900	152,0	5,98		0,500	0,34
25,0	1"	35,00	1,38	20	300	60	900	200,0	7,87		0,625	0,43

// 974AH



Multipurpose 17 bar (250 psi) - Non conductive

Tube: black non conductive NBR (RMA Class A).
Reinforcement: high tensile textile cords.
Cover: red NBR/PVC (RMA Class B) - abrasion, ozone and hydrocarbon resistant.
Application: premium quality compressed air, water, fuel and oil delivery in 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"	13,00	0,51	17	250	68	986	38,0	1,50		0,120	0,09
10,0	3/8"	18,00	0,71	17	250	68	986	57,0	2,24		0,250	0,17
13,0	1/2"	21,00	0,83	17	250	68	986	76,0	2,99		0,360	0,25
16,0	5/8"	25,00	0,98	17	250	68	986	95,0	3,74		0,420	0,29
19,0	3/4"	29,00	1,14	17	250	68	986	114,0	4,49		0,540	0,37
25,0	1"	36,00	1,42	17	250	68	986	178,0	7,01		0,730	0,50

Dimensions shown may be changed without prior notice

// 975AH



Multipurpose 20 bar (300 psi) - Non conductive

Tube: black non conductive NBR (RMA Class A).

Reinforcement: high tensile textile cords.

Cover: red NBR/PVC (RMA Class A) - abrasion, ozone and hydrocarbon resistant.

Application: premium quality compressed air, water, fuel and oil delivery in 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"	16,00	0,63	20	300	80	1200	38,0	1,50		0,240	0,17
10,0	3/8"	18,00	0,71	20	300	80	1200	57,0	2,24		0,270	0,19
13,0	1/2"	21,00	0,83	20	300	80	1200	76,0	2,99		0,370	0,25
19,0	3/4"	29,00	1,14	20	300	80	1200	114,0	4,49		0,620	0,42
25,0	1"	36,00	1,42	20	300	80	1200	178,0	7,01		0,940	0,64

// 954AH



Multipurpose 20 bar (300 psi) - Non conductive

Tube: black non conductive NBR.

Reinforcement: high tensile textile cords.

Cover: red NBR/PVC - abrasion, ozone and hydrocarbon resistant.

Application: premium quality compressed air, water, fuel and oil delivery in general industrial 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
13,0	1/2"	20,00	0,79	20	300	60	900				0,240	0,17
19,0	3/4"	27,00	1,06	20	300	60	900				0,400	0,27
32,0	1 1/4"	44,00	1,73	20	300	60	900				1,050	0,71
38,0	1 1/2"	50,00	1,97	20	300	60	900				1,220	0,82
38,0	1 1/2"	50,00	1,97	20	300	60	900				1,220	0,82
51,0	2"	65,00	2,56	20	300	60	900				1,610	1,09
51,0	2"	65,00	2,56	20	300	60	900				1,610	1,09

// 976AB



General purpose 20 bar (300 psi) - EPDM

Tube: black conductive EPDM.
Reinforcement: high tensile textile cords.
Cover: grey EPDM - abrasion and ozone resistant.
Application: air, water and mild chemicals delivery in general industrial applications.
Constant operation: -40 °C +100 °C (-40 °F +212 °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	40,0	1,57		0,130	0,09
8,0	5/16"	15,00	0,59	20	300	60	900	50,0	1,97		0,160	0,11
10,0	3/8"	17,00	0,67	20	300	60	900	60,0	2,36		0,190	0,13
13,0	1/2"	21,00	0,83	20	300	60	900	75,0	2,95		0,270	0,19
16,0	5/8"	25,00	0,98	20	300	60	900	95,0	3,74		0,360	0,25
19,0	3/4"	29,00	1,14	20	300	60	900	100,0	3,94		0,460	0,31
25,0	1"	35,00	1,38	20	300	60	900	120,0	4,72		0,580	0,39

// 956AB



General purpose 20 bar (300 psi) - EPDM

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

↔		↔		↻		↻		⤴		⚠	⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
32,0	1 1/4"	44,00	1,73	20	300	60	900				0,920	0,62
38,0	1 1/2"	52,00	2,05	20	300	60	900				1,080	0,73
51,0	2"	66,00	2,60	20	300	60	900				1,650	1,11

Dimensions shown may be changed without prior notice

// 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.**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"	31,00	1,22	16	240	64	960	95,0	3,74	90	0,730	0,50
25,0	1"	37,00	1,46	16	240	64	960	125,0	4,92	90	0,900	0,61
32,0	1 1/4"	44,00	1,73	16	240	64	960	160,0	6,30	90	1,080	0,73
38,0	1 1/2"	51,00	2,01	16	240	64	960	190,0	7,48	90	1,240	0,84
50,0	2"	66,00	2,60	16	240	64	960	250,0	9,84	90	1,880	1,27
51,0	2"	67,00	2,64	16	240	64	960	250,0	9,84	90	1,910	1,29
63,0	2 1/2"	79,00	3,11	16	240	64	960	300,0	11,81	90	2,480	1,67
75,0	3"	91,00	3,58	16	240	64	960	350,0	13,78	80	2,960	1,99
76,0	3"	92,00	3,62	16	240	64	960	350,0	13,78	80	2,990	2,01
100,0	4"	116,00	4,57	16	240	64	960	450,0	17,72	80	3,970	2,67
102,0	4"	118,00	4,65	16	240	64	960	450,0	17,72	80	4,040	2,72

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INDUSTRIAL HOSE

// 5050G

**Acid-chemical S&D 16 bar (240 psi) - XLPE****Tube:** transparent XLPE (Cross Linked Polyethylene).**Reinforcement:** high tensile textile cords with embedded steel helix wire.**Cover:** green EPDM - abrasion and ozone resistant.**Application:** acid and chemical suction and delivery. Suitable for 90% of existing chemicals.**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"	31,00	1,22	16	240	48	720	114,0	4,49	90	0,670	0,46
25,0	1"	37,00	1,46	16	240	48	720	150,0	5,91	90	0,820	0,56
32,0	1 1/4"	44,00	1,73	16	240	48	720	192,0	7,56	90	0,980	0,66
38,0	1 1/2"	50,00	1,97	16	240	48	720	192,0	7,56	90	1,120	0,76
51,0	2"	63,00	2,48	16	240	48	720	300,0	11,81	90	1,480	1,00
63,0	2 1/2"	77,00	3,03	16	240	48	720	378,0	14,88	90	2,260	1,52
76,0	3"	92,00	3,62	16	240	48	720	450,0	17,72	80	2,710	1,83
102,0	4"	118,00	4,65	16	240	48	720	600,0	23,62	80	3,700	2,49

// 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.

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"	31,00	1,22	16	240	64	960	114,0	4,49	90	0,670	0,46
25,0	1"	37,00	1,46	16	240	64	960	150,0	5,91	90	0,830	0,56
32,0	1 1/4"	44,00	1,73	16	240	64	960	192,0	7,56	90	1,000	0,68
38,0	1 1/2"	51,00	2,01	16	240	64	960	228,0	8,98	90	1,300	0,88
50,0	2"	66,00	2,60	16	240	64	960	300,0	11,81	90	1,960	1,32
51,0	2"	67,00	2,64	16	240	64	960	300,0	11,81	90	1,990	1,34
75,0	3"	91,00	3,58	16	240	64	960	450,0	17,72	80	3,070	2,07
76,0	3"	92,00	3,62	16	240	64	960	450,0	17,72	80	3,110	2,10
100,0	4"	116,00	4,57	16	240	64	960	600,0	23,62	80	4,120	2,77
102,0	4"	118,00	4,65	16	240	64	960	600,0	23,62	80	4,190	2,82

// 5090E



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

Tube: transparent UPE (Ultra High Molecular Weight Polyethylene).

Reinforcement: high tensile textile cords with embedded steel helix wire.

Cover: blue EPDM - abrasion and ozone resistant.

Application: acid and chemical suction and delivery. Suitable for 98% of existing chemicals.

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"	31,00	1,22	16	240	48	720	114,0	4,49	90	0,590	0,40
25,0	1"	37,00	1,46	16	240	48	720	150,0	5,91	90	0,730	0,50
32,0	1 1/4"	44,00	1,73	16	240	48	720	192,0	7,56	90	0,880	0,60
38,0	1 1/2"	50,00	1,97	16	240	48	720	228,0	8,98	90	1,010	0,68
40,0	1 9/16"	52,00	2,05	16	240	48	720	240,0	9,45	90	1,050	0,71
51,0	2"	63,00	2,48	16	240	48	720	300,0	11,81	90	1,340	0,91
63,0	2 1/2"	77,00	3,03	16	240	48	720	378,0	14,88	90	2,090	1,41
76,0	3"	92,00	3,62	16	240	48	720	450,0	17,72	80	2,840	1,91
102,0	4"	118,00	4,65	16	240	48	720	600,0	23,62	80	3,870	2,61

Dimensions shown may be changed without prior notice

// 5190E


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

Tube: transparent UPE (Ultra High Molecular Weight Polyethylene).

Reinforcement: high tensile textile cords with embedded steel helix wire.

Cover: blue EPDM - abrasion and ozone resistant.

Application: acid and chemical suction and delivery. Suitable for 98% of existing chemicals. Special construction for maximum flexibility.

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
51,0	2"			16	240	48	720	150,0	5,91	90	1,390	0,94
76,0	3"			16	240	48	720	228,0	8,98	90	2,510	1,69
102,0	4"			16	240	48	720	300,0	11,81	90	4,100	2,76

105

INDUSTRIAL HOSE

// 538AA


Tank cleaning 20 bar (300 psi) - EPDM - Textile braided

Tube: black conductive EPDM.

Reinforcement: high tensile textile braids - stainless steel antistatic wires.

Cover: black conductive EPDM - abrasion and ozone resistant.

Application: acid and chemical delivery in storage tanks cleaning applications..

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
38,0	1 1/2"	54,00	2,13	20	300	60	900	304,0	11,97		1,330	0,90
51,0	2"	67,00	2,64	20	300	60	900	408,0	16,06		1,840	1,24