



// COMPRESSED AIR



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// 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	0,39	20	300	60	900	24,0	0,94		0,065	0,05
8,0	5/16"	12,00	0,47	20	300	60	900	32,0	1,26		0,080	0,06
10,0	3/8"	15,00	0,59	20	300	60	900	40,0	1,57		0,115	0,08
13,0	1/2"	19,00	0,75	20	300	60	900	52,0	2,05		0,185	0,13
16,0	5/8"	23,00	0,91	20	300	60	900	64,0	2,52		0,260	0,18
19,0	3/4"	26,00	1,02	20	300	60	900	76,0	2,99		0,305	0,21
25,0	1"	33,00	1,30	20	300	60	900	100,0	3,94		0,450	0,31

// 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"	34,00	1,34	20	300	64	960	200,0	7,87		0,525	0,36

Dimensions shown may be changed without prior notice

// 180AA



Compressed air 20 bar (300 psi)

Tube: black synthetic elastomer - oil mist resistant.
Reinforcement: high tensile textile cords.
Cover: black synthetic elastomer - 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
13,0	1/2"	19,00	0,75	20	300	60	900	104,0	4,09		0,210	0,15
19,0	3/4"	27,00	1,06	20	300	60	900	152,0	5,98		0,405	0,28
25,0	1"	34,00	1,34	20	300	60	900	200,0	7,87		0,575	0,39

// 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

// 185AH



Compressed air 20 bar (300 psi) - Standard duty

Tube: black synthetic elastomer - oil mist resistant.
Reinforcement: high tensile textile cords.
Cover: red synthetic elastomer - 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
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

// 185AK



Compressed air 20 bar (300 psi) - Standard duty

Tube: black synthetic elastomer - oil mist resistant.
Reinforcement: high tensile textile cords.
Cover: yellow synthetic elastomer - 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
13,0	1/2"	21,00	0,83	20	300	60	900	104,0	4,09		0,325	0,22
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

// 186AA



Compressed air 20 bar (300 psi) - Heavy duty

Tube: black synthetic elastomer - oil mist resistant.
Reinforcement: high tensile textile cords.
Cover: black synthetic elastomer - 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"	14,00	0,55	20	300	60	900	48,0	1,89		0,185	0,13
8,0	5/16"	17,00	0,67	20	300	60	900	64,0	2,52		0,255	0,18
10,0	3/8"	19,00	0,75	20	300	60	900	80,0	3,15		0,300	0,21
13,0	1/2"	23,00	0,91	20	300	60	900	104,0	4,09		0,415	0,28
19,0	3/4"	30,00	1,18	20	300	60	900	152,0	5,98		0,575	0,39
25,0	1"	37,00	1,46	20	300	60	900	200,0	7,87		0,775	0,53

Dimensions shown may be changed without prior notice

// 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		0,160	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

// 175AH



Compressed air 20 bar (300 psi) - Standard duty

Tube: black EPDM.
Reinforcement: high tensile textile cords.
Cover: red EPDM - abrasion and ozone resistant.
Application: compressed air and 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
6,0	1/4"	16,00	0,63	20	300	80	1200	48,0	1,89		0,240	0,17
8,0	5/16"	16,00	0,63	20	300	80	1200	64,0	2,52		0,210	0,15
10,0	3/8"	18,00	0,71	20	300	80	1200	80,0	3,15		0,270	0,19
13,0	1/2"	22,00	0,87	20	300	80	1200	104,0	4,09		0,370	0,25
16,0	5/8"	25,00	0,98	17	250	68	986	128,0	5,04		0,450	0,31
19,0	3/4"	29,00	1,14	17	250	68	986	152,0	5,98		0,570	0,39
25,0	1"	36,00	1,42	14	200	56	800	200,0	7,87		0,760	0,52

// 175AK



Compressed air 20 bar (300 psi) - Standard duty

Tube: black NBR/SBR - oil mist resistant.
Reinforcement: high tensile textile cords.
Cover: yellow NBR/PVC - 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
10,0	3/8"	19,00	0,75	20	300	60	900	100,0	3,94		0,315	0,22
13,0	1/2"	23,00	0,91	20	300	60	900	110,0	4,33		0,435	0,30
19,0	3/4"	30,00	1,18	20	300	60	900	160,0	6,30		0,645	0,44
25,0	1"	37,00	1,46	20	300	60	900	210,0	8,27		0,890	0,60

// 155AA



Compressed air 20 bar (300 psi) - Heavy duty

Tube: 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"	29,00	1,14	20	300	60	900				0,550	0,37
22,0	7/8"	32,00	1,26	20	300	60	900				0,620	0,42
25,0	1"	35,00	1,38	20	300	60	900				0,690	0,47
28,0	1 1/8"	38,00	1,50	20	300	60	900				0,790	0,54
30,0	1 3/16"	42,00	1,65	20	300	60	900				0,840	0,57
32,0	1 1/4"	44,00	1,73	20	300	60	900				0,880	0,60
35,0	1 3/8"	47,00	1,85	20	300	60	900				0,950	0,64
38,0	1 1/2"	50,00	1,97	20	300	60	900				1,030	0,70
40,0	1 9/16"	52,00	2,05	20	300	60	900				1,070	0,72
45,0	1 3/4"	57,00	2,24	20	300	60	900				1,200	0,81
48,0	1 7/8"	60,00	2,36	20	300	60	900				1,270	0,86
51,0	2"	63,00	2,48	20	300	60	900				1,330	0,90
51,0	2"	65,00	2,56	20	300	60	900				1,650	1,11
55,0	2 1/6"	69,00	2,72	20	300	50	730				1,760	1,19
60,0	2 3/8"	76,00	2,99	20	300	50	730				2,200	1,48
63,0	2 1/2"	79,00	3,11	20	300	50	730				2,290	1,54
76,0	3"	92,00	3,62	20	300	50	730				2,800	1,89
90,0	3 1/2"	106,00	4,17	20	300	50	730				3,240	2,18
102,0	4"	118,00	4,65	20	300	50	730				3,660	2,46
152,0	6"	170,00	6,69	20	300	50	730				6,220	4,19

// 155AK



Compressed air 20 bar (300 psi) - Heavy duty

Tube: black SBR/NBR - oil mist resistant.

Reinforcement: high tensile textile cords.

Cover: yellow 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
13,0	1/2"	21,00	0,83	20	300	60	900				0,320	0,22
19,0	3/4"	29,00	1,14	20	300	60	900				0,550	0,37
25,0	1"	35,00	1,38	20	300	60	900				0,690	0,47
32,0	1 1/4"	44,00	1,73	20	300	60	900				0,890	0,60
38,0	1 1/2"	50,00	1,97	20	300	60	900				1,030	0,70
51,0	2"	65,00	2,56	20	300	60	900				1,660	1,12
63,0	2 1/2"	79,00	3,11	20	300	50	730				2,300	1,55
76,0	3"	92,00	3,62	20	300	50	730				2,810	1,89
102,0	4"	118,00	4,65	20	300	50	730				3,680	2,48

Dimensions shown may be changed without prior notice

// 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	30	450	120	1750	315,0	12,40		2,810	1,89
76,0	3"	90,00	3,54	30	450	120	1750	380,0	14,96		3,480	2,34
102,0	4"	118,00	4,65	30	450	120	1750	510,0	20,08		4,500	3,03

// 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

// 132AE



Compressed air 80 bar (1200 psi) - High temperature - Steel braided

Tube: black chlorobutyl - oil mist (maximum six parts per million) and high temperature resistant.

Reinforcement: high tensile steel wire braids.

Cover: blue EPDM - abrasion and ozone 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. Designed for use of EN 853 2ST fittings.

Constant operation: -40 °C +150 °C (-40 °F +300 °F) with peaks of 232 °C (450 °F)

↻		↻		↻		↻		↻		⚠	⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"	67,00	2,64	80	1200	320	4640	255,0	10,04		2,620	1,77

// 179AA



Push-loc/push-on

Tube: black NBR/SBR - oil mist resistant.

Reinforcement: high tensile textile cords.

Cover: black SBR/CR - oil, abrasion and ozone resistant.

Application: "push-on" compressed air in automotive assembly lines and general industrial applications.

Constant operation: -20 °C +70 °C (-4 °F +158 °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	80	1200	36,0	1,42		0,140	0,10
10,0	3/8"	16,00	0,63	20	300	80	1200	60,0	2,36		0,185	0,13
13,0	1/2"	19,00	0,75	20	300	80	1200	78,0	3,07		0,235	0,16
16,0	5/8"	23,00	0,91	20	300	80	1200	96,0	3,78		0,325	0,22
19,0	3/4"	26,00	1,02	20	300	80	1200	114,0	4,49		0,370	0,25

// 179AB



Push-loc/push-on

Tube: black NBR/SBR - oil mist resistant.

Reinforcement: high tensile textile cords.

Cover: grey SBR/CR - oil, abrasion and ozone resistant.

Application: "push-on" compressed air in automotive assembly lines and general industrial applications.

Constant operation: -20 °C +70 °C (-4 °F +158 °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	80	1200	36,0	1,42		0,140	0,10
10,0	3/8"	16,00	0,63	20	300	80	1200	60,0	2,36		0,185	0,13
13,0	1/2"	19,00	0,75	20	300	80	1200	78,0	3,07		0,235	0,16
16,0	5/8"	23,00	0,91	20	300	80	1200	96,0	3,78		0,325	0,22

Dimensions shown may be changed without prior notice

// 165AA



**Air brake 10 bar (150 psi)
DIN 74310**

Tube: black EPDM.
Reinforcement: high tensile textile cords.
Cover: black EPDM - abrasion and ozone resistant.
Application: air brake hose.
Constant operation: -40 °C +100 °C (-40 °F +212 °F)

↔		↔		↻		↻		⤴		⚙	⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
11,0	7/16"	18,00	0,71	10	150	25	375	70,0	2,76		0,210	0,15
13,0	1/2"	25,00	0,98	10	150	25	375	100,0	3,94		0,470	0,32

// 166AA



**Air brake 20 bar (300 psi)
SAE J1402**

Tube: black NBR.
Reinforcement: high tensile textile cords.
Cover: black NBR - abrasion and ozone resistant.
Application: air brake hose.
Constant operation: -40 °C +100 °C (-40 °F +212 °F)

↔		↔		↻		↻		⤴		⚙	⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
9,5	3/8"	19,00	0,75	20	300	60	900	90,0	3,54		0,320	0,22
14,5	37/64"	25,50	1,00	20	300	60	900	115,0	4,53		0,515	0,35

// 160AA



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

Tube: black SBR/NBR - oil mist resistant.
Reinforcement: high tensile textile braids.
Cover: black SBR/NBR - abrasion and ozone resistant.
Application: railway air brake.
Constant operation: -25 °C +65 °C (-13 °F +150 °F)

↔		↔		↻		↻		⤴		⚙	⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	25,00	0,98	20	300	80	1200				0,400	0,27
20,0	13/16"	34,00	1,34	20	300	80	1200				0,630	0,43
22,0	7/8"	36,00	1,42	20	300	80	1200				0,780	0,53
30,0	1 3/16"	46,00	1,81	20	300	80	1200				1,210	0,82
35,0	1 3/8"	53,00	2,09	20	300	80	1200				1,350	0,91