

INDUSTRIAL HOSE

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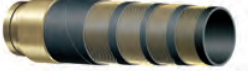
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185AA

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
Use: Compressed air and general industrial applications
Safety factor: 3:1
Temperature: -10 °C +60 °C (+14 °F +140 °F)

↔		↔		⊕		⌒		⌘	⚖	
mm	inch	mm	inch	bar	psi	mm	inch	%	kg/m	lb/ft
6	1/4	13	0.51	20	300	48	2.00		0.145	0.097
8	5/16	15	0.59	20	300	64	2.50		0.175	0.118
10	3/8	17	0.67	20	300	80	3.00		0.205	0.138
13	1/2	21	0.83	20	300	104	4.00		0.300	0.200
16	5/8	25	0.98	20	300	128	5.00		0.395	0.265
19	3/4	29	1.14	20	300	152	6.00		0.465	0.350
25	1	36	1.42	20	300	200	8.00		0.640	0.480

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
Use: Compressed air designed for heavy duty applications
Safety factor: ≤ 51 mm 3:1 ≥ 55 mm 2.5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

↔		↔		⊕		⌒		⌘	⚖	
mm	inch	mm	inch	bar	psi	mm	inch	%	kg/m	lb/ft
19	3/4	29	1.14	20	300				0.540	0.360
22	7/8	32	1.26	20	300				0.610	0.410
25	1	35	1.38	20	300				0.680	0.460
28	1 1/8	38	1.50	20	300				0.780	0.520
30	1 3/16	42	1.65	20	300				1.010	0.680
32	1 1/4	44	1.73	20	300				1.060	0.710
35	1 3/8	47	1.85	20	300				1.140	0.770
38	1 1/2	50	1.97	20	300				1.240	0.830
40	1 9/16	52	2.05	20	300				1.290	0.870
45	1 3/4	57	2.24	20	300				1.440	0.970
48	1 7/8	60	2.36	20	300				1.260	0.850
51	2	63	2.48	20	300				1.330	0.890
51	2	65	2.56	20	300				1.630	1.100
55	2 1/6	69	2.72	20	300				1.730	1.160
60	2 3/8	76	2.99	20	300				2.160	1.450
63	2 1/2	79	3.11	20	300				2.250	1.510
76	3	92	3.62	20	300				2.750	1.850
90	3 1/2	106	4.17	20	300				3.180	2.140
102	4	118	4.65	20	300				3.600	2.420
152	6	170	6.69	20	300				6.100	4.100

MINING - COMPRESSED AIR



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
Use: Compressed air designed for heavy duty applications
Safety factor: <= 51 mm 3:1 >=63 mm 2.5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

↔		↔		⌚		⌒		⌘	⌚	
mm	inch	mm	inch	bar	psi	mm	inch	%	kg/m	lb/ft
13	1/2	21	0.83	20	300				0.320	0.215
19	3/4	29	1.14	20	300				0.560	0.380
25	1	35	1.38	20	300				0.700	0.470
32	1 1/4	44	1.73	20	300				1.090	0.730
38	1 1/2	50	1.97	20	300				1.260	0.850
51	2	65	2.56	20	300				1.660	1.120
63	2 1/2	79	3.11	20	300				2.300	1.550
76	3	92	3.62	20	300				2.810	1.890
102	4	118	4.65	20	300				3.670	2.470

132AE

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



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

↔		↔		⌚		⌒		⌘	⌚	
mm	inch	mm	inch	bar	psi	mm	inch	%	kg/m	lb/ft
51	2	70	2.76	80	1200	255	10.00		3.100	2.080

142AK

**Compressed air 40 bar (600 psi)
high temperature - 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
Temperature: -40°C +120°C (-40°F +242°F)
Maximum working pressure: 40 bar
Minimum burst pressure: 160 bar

↔		↔		⌚		⌒		⌘	⌚	
mm	inch	mm	inch	bar	psi	mm	inch	%	kg/m	lb/ft
51	2	64	2.52	40	600	255	10.00		2.050	1.373
63	2 1/2	79	3.11	40	600	315	12.50		2.850	1.909
76	3	92	3.62	40	600	380	15.00		3.520	2.357

284AA

Water delivery 10 bar (150 psi)

Tube: Black synthetic elastomer - oil mist resistant

Reinforcement: High tensile textile cords

Cover: Black synthetic elastomer with longitudinal green stripes
abrasion and ozone resistant

Use: Air and water delivery

Safety factor: 3:1

Temperature: -10 °C +60 °C (+14 °F +140 °F)



mm	inch	mm	inch	bar	psi	mm	inch	%	kg/m	lb/ft
10	3/8	17	0.67	10	150	80	3.00		0.205	0.138
13	1/2	19	0.75	10	150	104	4.00		0.205	0.138
16	5/8	23	0.91	10	150	128	5.00		0.295	0.200
19	3/4	26	1.02	10	150	152	6.00		0.345	0.230
22	7/8	30	1.18	10	150	176	7.00		0.455	0.310
25	1	33	1.30	10	150	200	8.00		0.510	0.340
32	1 1/4	44	1.73	7	100	256	10.00		0.955	0.640

288HH

Water discharge - PVC - lay flat - heavy duty

Tube: Red PVC

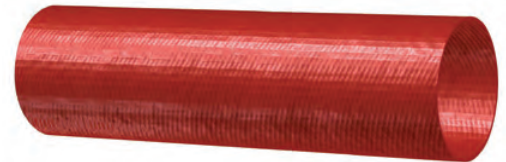
Reinforcement: High tensile textile cords

Cover: Red PVC - abrasion and ozone resistant

Use: Lay flat water discharge

Safety factor: 3:1

Temperature: -10 °C +60 °C (+14 °F +140 °F)



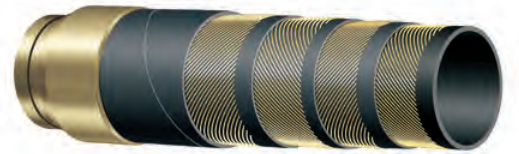
mm	inch	mm	inch	bar	psi	mm	inch	%	kg/m	lb/ft
25	1			10	150				0.190	0.128
32	1 1/4			9	135				0.240	0.160
38	1 1/2			8	120				0.300	0.200
45	1 3/4			8	120				0.350	0.235
51	2			8	120				0.410	0.275
63	2 1/2			8	120				0.560	0.380
76	3			8	120				0.680	0.460
102	4			7	100				1.000	0.670
152	6			4	60				1.650	1.110

MINING - CONCRETE



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
Use: High pressure concrete pumping
Safety factor: 2:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

mm	inch	mm	inch	bar	psi	mm	inch	%	kg/m	lb/ft
51	2	69	2.72	85	1275	255	10.00		2.160	1.450
63	2 1/2	85	3.35	85	1275	265	10.50		3.380	2.270
76	3	100	3.94	85	1275	380	15.00		4.590	3.080
90	3 1/2	116	4.57	85	1275	450	17.50		5.930	3.990
102	4	128	5.04	85	1275	510	20.00		7.510	5.050
127	5	155	6.10	85	1275	635	25.00		10.940	7.350

202AA

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



Tube: Black EPDM







Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black EPDM - abrasion and ozone resistant

Use: Water suction and delivery. Also suitable for mild chemicals and fertilizers in general industrial and agricultural applications

Safety factor: <= 127 mm 3:1 >=152 mm 2.5:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

										
mm	inch	mm	inch	bar	psi	mm	inch	%	kg/m	lb/ft
25	1	35	1.38	10	150	100	4.00	100	0.700	0.460
30	1 3/16	40	1.57	10	150	120	4.75	100	0.780	0.520
32	1 1/4	42	1.65	10	150	128	5.00	100	0.820	0.540
38	1 1/2	48	1.89	10	150	152	6.00	100	0.960	0.630
40	1 9/16	50	1.97	10	150	160	6.25	100	1.000	0.670
45	1 3/4	55	2.17	10	150	180	7.00	100	1.110	0.750
51	2	61	2.40	10	150	204	8.00	100	1.240	0.820
60	2 3/8	72	2.83	10	150	240	9.50	100	1.710	1.180
63	2 1/2	75	2.95	10	150	252	10.00	90	1.780	1.180
70	2 3/4	82	3.23	10	150	280	11.00	90	1.990	1.340
76	3	88	3.46	10	150	304	12.00	90	2.140	1.410
80	3 1/8	92	3.62	10	150	320	12.50	90	2.300	1.550
90	3 1/2	102	4.02	10	150	360	14.00	90	2.700	1.770
102	4	114	4.49	10	150	408	16.00	90	3.010	1.980
110	4 5/16	122	4.80	10	150	440	17.25	80	3.210	2.160
115	4 1/2	127	5.00	10	150	460	18.00	80	3.340	2.240
120	4 3/4	134	5.28	10	150	600	23.75	80	4.500	3.020
127	5	141	5.55	10	150	635	25.00	80	4.740	3.140
152	6	166	6.54	10	150	760	30.00	80	5.970	3.920
203	8	221	8.70	10	150	1015	40.00	70	9.830	6.590
254	10	272	10.71	10	150	1270	50.00	60	13.430	9.030
305	12	327	12.87	10	150	1550	61.00	60	18.660	12.540