

Technical Information

Construction Information

All colours and polyester reinforced hoses have the following construction details: -

Diameter	Liner	Plies	Elbows Wall Thickness	Straights Wall Thickness	Burst in P.S.I.	Burst in BAR	Max Temperature in °C
6	YES	2	3.9 +/- 0.3mm	3.4 +/- 0.3mm	400	27.5	170
8	YES	2	3.9 +/- 0.3mm	3.4 +/- 0.3mm	400	27.5	170
9	YES	2	3.9 +/- 0.3mm	3.4 +/- 0.3mm	400	27.5	170
10	YES	2	3.9 +/- 0.3mm	3.4 +/- 0.3mm	400	27.5	170
13	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	300	20.5	170
16	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	300	20.5	170
19	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	275	19	170
22	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	275	19	170
25	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	275	19	170
28	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	250	17	170
32	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	250	17	170
35	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	250	17	170
38	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	150	10	170
41	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	150	10	170
44	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	150	10	170
48	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	150	10	170
51	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	150	10	170
54	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	125	8.5	170
57	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	125	8.5	170
60	YES	3	5.1 +/- 0.4mm	4.6 +/- 0.4mm	125	8.5	170
63	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	175	12	170
66	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	150	10	170
70	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	150	10	170
73	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	150	10	170
76	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	150	10	170
79	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	150	10	170
82	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	150	10	170
85	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	150	10	170
89	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	150	10	170
92	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	150	10	170
95	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	150	10	170
98	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	150	10	170
102	YES	4	6.3 +/- 0.5mm	5.8 +/- 0.5mm	125	8.5	170

Meaning of headings

Diameter

The size of the hole inside the hose.

Liner

The protective waterproof barrier for reliability.

Plies

How many layers of fabric reinforcement which defines the strength of the hose.

Elbows and Straights Wall thickness

The thickness of the hose wall.

Burst

Burst pressures are rated in P.S.I. and BAR.

Max temperature

The temperature that the hose will take before sustaining any damage.