

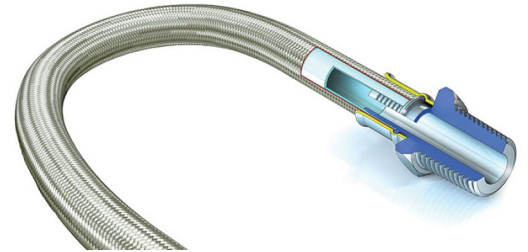
Standard wall, double braid hoses



Smoothbore PTFE hose

Features and benefits

- PTFE-lined high pressure hose
- Temperature resistant
- Chemical resistant
- Self-cleaning



Standard wall, double braid hoses performance

Standard wall, double braid (SW, DB)														
Bore size (Nominal)	Bore size (Actual)		Dash size ref (if any)	PTFE tube wall thickness		Braid outside diameter		Minimum bend radius		Maximum working pressure		Weight per unit length		*Part number
	mm	in		mm	in	mm	in	mm	in	bar	psi	kg/mt	lbs/ft	
1/8	3.17	0.125	-	0.76	0.030	6.85	0.270	20	3/8	360	5,238	0.100	0.067	70-100-02-02
1/16	4.76	0.188	-	0.76	0.025	8.70	0.343	30	1 1/4	330	4,802	0.135	0.091	70-100-03-02
1/4	6.35	0.250	-	0.63	0.025	10.05	0.396	40	1 1/2	290	4,220	0.160	0.107	70-100-04-02
3/16	7.94	0.313	-	0.63	0.025	11.55	0.455	50	2	250	3,638	0.190	0.127	70-100-05-02
3/8	9.53	0.375	-	0.63	0.025	13.35	0.526	60	2 1/2	230	3,347	0.214	0.143	70-100-06-02
1/2	12.70	0.500	-	0.76	0.030	16.40	0.646	90	3 1/2	180	2,629	0.341	0.229	70-100-08-02
3/4	15.88	0.625	-	0.76	0.030	19.95	0.785	130	5 1/2	135	1,964	0.416	0.279	70-100-10-02
1	19.05	0.750	-	0.76	0.030	23.10	0.910	170	6 1/2	100	1,455	0.503	0.337	70-100-12-02
1	25.40	1.000	-	1.00	0.039	29.60	1.165	270	10 1/4	70	1019	0.430	0.700	70-100-16-02

* For Anti-Static Grade, add 10 to the 3-digit part number e.g. 70-100- becomes 70-110 * For Anti-Static Grade, add 10 to the 3-digit part number e.g. 70-100- becomes 70-110

Technical specifications

	Standard wall, double braid hoses
Nominal bore size	3 - 25 mm (0.125 - 1 in)
Actual bore size	3.17 - 25.4 mm (0.125 - 1 in)
Outside diameter	6.85 - 29.6 mm (0.27 - 1.165 in)
Max. operating pressure	360 bar (5238 psi)
Burst pressure	210 - 1,080 bar (3057 - 15,714 psi)
Certification and compliance	3.1 Traceability, EN16643:2016, FDA (materials), SAE J1401, SAE J1737, TS 16949:2016
Operating temperature	-73 °C to 260 °C (-100 °F to 500 °F)
Bend radius	20 - 270 mm (0.875 - 10.75 in)
Weight per unit length	0.1 - 0.7 kg/m (0.067 - 0.469 lb/ft)
Braid type	Double
Cover	EPDM rubber, Flexible PVC, Hytrel, Nylon II, Sarlink, Silicone rubber
End fitting	Hydraulic tail end fittings, PTFE tail end fittings

Materials of construction

	Standard wall, double braid hoses
Liner tube	Anti-static PTFE, HPG PTFE, Natural PTFE
Wire braid	Aramid fibre, Stainless steel

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12 December 2025