

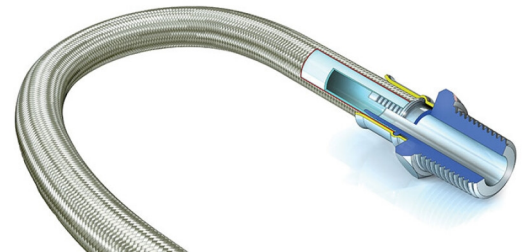
Heavy wall, double braid hoses



Smoothbore PTFE hose

Features and benefits

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



Heavy wall, double braid hoses performance

Heavy Wall, double braid (HW, 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	-	1.00	0.039	7.05	0.278	18	3/4	350	5,093	0.108	0.072	70-200-02-02
1/16	4.76	0.188	-	1.00	0.039	8.90	0.350	25	1	320	4,656	0.140	0.094	70-200-03-02
1/4	6.35	0.250	-	1.00	0.039	10.75	0.423	26	1 1/8	310	4,511	0.183	0.123	70-200-04-02
3/16	7.94	0.313	-	1.00	0.039	12.35	0.486	35	1 1/2	275	4,001	0.210	0.141	70-200-05-02
3/8	9.53	0.375	-	1.00	0.039	14.10	0.555	50	2	240	3,492	0.243	0.163	70-200-06-02
1/2	10.32	0.406	-	1.00	0.039	15.05	0.593	60	2 3/8	230	3,347	0.258	0.173	70-500-13-02
3/4	12.70	0.500	-	1.00	0.039	16.90	0.665	75	3	200	2,900	0.374	0.251	70-200-08-02
1	15.88	0.625	-	1.30	0.051	20.75	0.817	100	4	155	2,255	0.452	0.303	70-200-10-02
1 1/4	19.05	0.750	-	1.30	0.051	23.80	0.937	135	5 1/8	110	1,601	0.532	0.356	70-200-12-02
1 1/2	25.40	1.000	-	1.50	0.059	30.70	1.209	250	9 7/8	84	1,222	0.730	0.489	70-200-16-02

* 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

	Heavy wall, double braid hoses
Nominal bore size	0.125 - 2 in (3 - 50 mm)
Actual bore size	0.125 - 2 in (3.17 - 50.8 mm)
Outside diameter	0.278 - 2.221 in (7.05 - 56.4 mm)
Max. operating pressure	5093 psi (350 bar)
Burst pressure	1746 - 15,279 psi (120 - 1,050 bar)
Certification and compliance	3.1 Traceability, EN16643:2016, FDA (materials), SAE J1401, SAE J1737, TS 16949:2016
Operating temperature	-100 °F to 500 °F (-73 °C to 260 °C)
Bend radius	0.75 - 47.25 in (18 - 1,200 mm)
Weight per unit length	0.072 - 1.079 lb/ft (0.108 - 1.61 kg/m)
Braid	Double
Cover	EPDM rubber, Flexible PVC, Hytrel, Nylon II, Sarlink, Silicone rubber
End fitting	Hydraulic tail end fittings, PTFE tail end fittings
Vacuum resistance	Vacuum resistant to -0.9bar

Materials of construction

	Heavy wall, double braid hoses
Liner tube	Antistatic PTFE, HPG PTFE, Natural PTFE
Wire braid	Aramid fiber, Stainless steel

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