

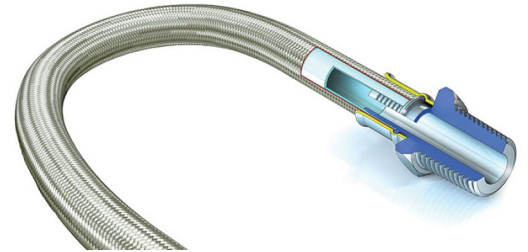
# Heavy wall, single braid hoses



Smoothbore PTFE hose

## Features and benefits

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



## Heavy wall, single braid hoses performance

Heavy Wall, single braid (HW, SB)														
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	6.10	0.240	20	1/8	290	4,220	0.068	0.046	70-200-02-01-02
1/16	4.76	0.188	-	1.00	0.039	7.65	0.301	29	1 1/8	270	3,929	0.087	0.058	70-200-03-01-02
1/4	6.35	0.250	-	1.00	0.039	9.25	0.364	30	1 1/8	260	3,783	0.113	0.076	70-200-04-01-02
1/16	7.94	0.313	-	1.00	0.039	10.90	0.429	40	1 1/8	230	3,347	0.135	0.091	70-200-05-01-02
1/8	9.53	0.375	-	1.00	0.039	12.50	0.492	55	2 1/8	200	2,910	0.153	0.103	70-200-06-01-02
1/2	12.70	0.500	-	1.00	0.039	15.60	0.614	85	3 1/8	160	2,328	0.240	0.161	70-200-08-01-02
1/8	15.88	0.625	-	1.30	0.051	19.10	0.752	110	4 1/8	130	1,892	0.292	0.196	70-200-10-01-02
1/4	19.05	0.750	-	1.30	0.051	22.05	0.868	145	5 1/8	92	1,339	0.344	0.231	70-200-12-01-02
1	25.40	1.000	-	1.50	0.059	28.80	1.134	260	10 1/8	69	1,004	0.470	0.315	70-200-16-01-02

\* 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, single 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	6.1 - 28.8 mm (0.24 - 1.134 in)
Max. operating pressure	290 bar (4220 psi)
Burst pressure	207 - 870 bar (3012 - 12,660 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 - 260 mm (0.875 - 10.25 in)
Weight per unit length	0.068 - 0.47 kg/m (0.046 - 0.315 lb/ft)
Braid type	Single
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 -0.9 bar

## Materials of construction

	<b>Heavy wall, single braid hoses</b>
Liner tube	Anti-static PTFE, HPG PTFE, Natural PTFE
Wire braid	Stainless steel

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