

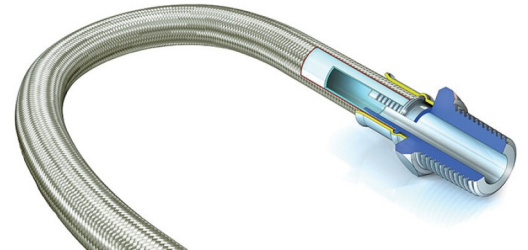
# Medium wall, single braid hoses



Smoothbore PTFE hose

## Features and benefits

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



## Medium wall, single braid hoses performance

Medium wall, single braid (MW, SB), also referred to as Hyperline SB														
The Hyperline MW, SB Range meets or exceeds SAE 100R14 standard.														
Bore size (Nominal) BB=Big Bore	Bore size (Actual)		Dash size ref (if any)	PTFE tube wall thickness		Braid outside diameter		Minimum bend radius		Max working pressure		Weight per unit length		*Part number
	mm	in		mm	in	mm	in	mm	in	Bar	Psi	Kg/mt	Lbs/Ft	
1/16 BB	2.0	0.079	-2	1.00	0.040	5.00	0.197	13	1/2	450	6,500	0.045	0.030	70-300-02-01-02
1/8 BB	3.5	0.138	-3	1.00	0.040	6.45	0.254	20	3/4	350	5,076	0.070	0.047	70-300-03-01-02
3/16 BB	5.0	0.200	-4	0.76	0.030	7.65	0.301	45	1 1/4	290	4,206	0.078	0.052	70-400-03-01-02
1/4 BB	6.7	0.264	-5	0.76	0.030	9.30	0.366	60	2 1/8	240	3,480	0.110	0.074	70-400-04-01-02
5/16 BB	8.4	0.335	-6	0.76	0.030	10.72	0.422	70	2 1/4	220	3,190	0.136	0.091	70-400-05-01-02
3/8 BB	10.0	0.394	-7	0.76	0.030	12.75	0.500	80	3	190	2,755	0.166	0.111	70-400-06-01-02
1/2 BB	13.3	0.536	-10	0.76	0.030	16.35	0.644	130	5	150	2,175	0.210	0.141	70-400-08-01-02
5/8 BB	16.5	0.654	-12	0.84	0.033	19.50	0.768	163	6 1/2	130	1,885	0.280	0.188	70-400-10-01-02
3/4 BB	19.8	0.780	-	1.00	0.040	22.50	0.860	180	7	110	1,595	0.327	0.219	70-400-12-01-02
1 BB	26.4	1.040	-	1.00	0.040	30.10	1.190	230	9	80	1,160	0.524	0.351	70-400-16-01-02

\* 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

	Medium wall, single braid hoses
Nominal bore size	1.5 - 25 mm (0.0625 - 1 in)
Actual bore size	2 - 26.4 mm (0.079 - 1.04 in)
Outside diameter	5 - 30.1 mm (0.197 - 1.19 in)
Max. operating pressure	450 bar (6500 psi)
Burst pressure	240 - 1,350 bar (3480 - 19,500 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	13 - 230 mm (0.5 - 9 in)
Weight per unit length	0.045 - 0.524 kg/m (0.03 - 0.351 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

## Materials of construction

	Medium wall, single braid hoses
Liner tube	Anti-static PTFE, HPG PTFE, Natural PTFE
Wire braid	Stainless steel

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