

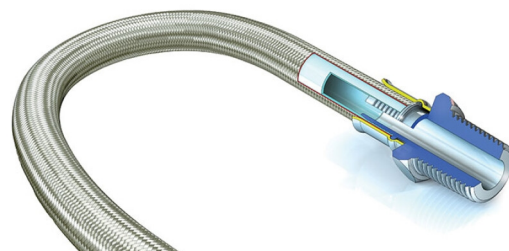
Standard wall, single braid hoses



Smoothbore PTFE hose

Features and benefits

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



Standard wall, single braid hoses performance

Standard wall, single braid (SW, 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	-	0.76	0.030	5.85	0.230	22	7/8	290	4,220	0.065	0.044	70-100-02-01-02
1/16	4.76	0.188	-	0.76	0.025	7.40	0.291	40	1 1/8	265	3,856	0.080	0.054	70-100-03-01-02
1/4	6.35	0.250	-	0.63	0.025	8.50	0.335	60	2 1/8	240	3,492	0.093	0.062	70-100-04-01-02
3/16	7.94	0.313	-	0.63	0.025	10.15	0.400	70	2 7/8	200	2,910	0.110	0.074	70-100-05-01-02
1/2	9.53	0.375	-	0.63	0.025	11.75	0.463	80	3 1/8	190	2,765	0.124	0.083	70-100-06-01-02
3/4	12.70	0.500	-	0.76	0.030	14.95	0.589	110	4 3/8	140	2,030	0.207	0.139	70-100-08-01-02
1	15.88	0.625	-	0.76	0.030	18.35	0.722	150	6	110	1,601	0.255	0.171	70-100-10-01-02
1 1/4	19.05	0.750	-	0.76	0.030	21.65	0.852	200	7 7/8	80	1,164	0.315	0.211	70-100-12-01-02
2	25.40	1.000	-	1.00	0.039	28.15	1.108	300	11 1/8	55	800	0.430	0.288	70-100-16-01-02
* 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														

* 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, single braid hoses
Nominal bore size	0.1875 - 1 in (5 - 25 mm)
Actual bore size	0.188 - 1 in (4.76 - 25.4 mm)
Outside diameter	0.291 - 1.108 in (7.4 - 28.15 mm)
Max. operating pressure	2910 psi (265 bar)
Burst pressure	2400 - 8,730 psi (165 - 795 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	1.625 - 11.875 in (40 - 300 mm)
Weight per unit length	0.054 - 0.288 lb/ft (0.08 - 0.43 kg/m)
Braid	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

	Standard wall, single braid hoses
Liner tube	Antistatic PTFE, HPG PTFE, Natural PTFE
Wire braid	Stainless steel

Disclaimer: The information contained in this document is believed to be correct but Aflex Hose Limited accepts no liability for any errors it contains and reserves the right to alter specifications without notice. It is the users' responsibility to ensure product suitability for use within their application. Bioflex, Corroflon, Corroline, Hyperline FX, Pharmaline are registered trademarks of Aflex Hose Limited. A member of Watson-Marlow Fluid Technology Group, A Spirax-Sarco Engineering plc company.



wmfts.com/global
12 December 2025