



PTFE Smooth Bore Hose

Smooth bore is available in single or double 304 or 316 stainless steel braid.

Antistatic smooth bore is also available along with a range of protective coverings. All ADT hose assemblies are available with a wide range of crimped end connections. All assemblies are crimped at each end using a hydraulic swaging machine, with specially developed dies, ensuring leak-free connections.

Applications

For general purpose use, including high and low pressure steam, chemicals, paints, inks, adhesives, fuels, oils, detergents, refrigerants and foodstuffs.

Properties

Temperature Resistance – PTFE hose is usable from -60°C up to +260°C dependent upon the braid and the working pressure.

Chemical Resistance – PTFE is the most chemically resistant material and is only affected by a small number of very uncommon chemicals.

Flexibility with Strength – Smooth bore PTFE hose has excellent dynamic flex life and performs well at high pressures in flexing or vibrating applications.

PART NUMBER	DESCRIPTION	TUBE WALL THICKNESS NOM.		BRAIDED OD NOMINAL		TOLERANCE +/-		BRAIDED ID NOMINAL		TOLERANCE +/-		MAX WORKING PRESSURE		MIN. BURST PRESSURE		MN. BEND RADIUS	
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	PSI	BAR	PSI	BAR	MM	IN
TSSV4.9B01	4.9MM STD	0.89	0.035	7.87	0.310	0.60	0.024	4.89	0.193	0.40	0.016	4000	276	12000	827	51	2.008
TSSV5.1B01	5.1MM STD	0.89	0.035	8.05	0.317	0.60	0.024	5.10	0.201	0.40	0.016	3830	264	11500	793	64	2.520
TSSV6.7B01	6.7MM STD	0.76	0.030	9.35	0.368	0.60	0.024	6.70	0.264	0.40	0.016	3250	224	9750	672	76	2.992
TSSV8.0B01	8.0MM STD	0.89	0.035	11.30	0.445	0.60	0.024	8.00	0.315	0.40	0.016	3160	218	9500	655	102	4.016
TSSV8.4B01	8.4MM STD	0.64	0.025	11.05	0.435	0.60	0.024	8.40	0.331	0.40	0.016	3000	207	9000	621	102	4.016
TSSV10.0B01	10.0MM STD	0.64	0.025	12.65	0.498	0.60	0.024	10.00	0.394	0.40	0.016	2660	183	8000	552	127	5.000
TSSV10.3B01	10.3MM STD	0.89	0.035	13.44	0.529	0.60	0.024	10.30	0.406	0.40	0.016	2660	183	8000	552	133	5.236
TSSV13.2B01	13.2MM STD	0.89	0.035	16.55	0.652	0.75	0.030	13.20	0.520	0.50	0.020	2330	161	7000	483	152	5.984
TSSV13.6B01	13.6MM STD	0.89	0.035	17.15	0.675	0.75	0.030	13.60	0.535	0.50	0.020	2330	161	7000	483	50	5.906
TSSV16.6B01	16.6MM STD	0.89	0.035	19.75	0.778	0.75	0.030	16.60	0.654	0.50	0.020	1660	114	5000	345	178	7.008
TSSV19.8B01	19.8MM STD	0.89	0.035	22.96	0.904	0.85	0.033	19.80	0.780	0.60	0.024	1500	103	4500	310	203	7.992
TSSV22.1B01	22.1MM STD	0.89	0.035	25.27	0.995	0.85	0.033	22.10	0.87	0.60	0.024	1330	92	4000	276	229	9.016
TSSV26.1B01	26.1MM STD	0.89	0.035	29.25	1.152	0.85	0.033	26.10	1.028	0.60	0.024	1160	80	3500	241	305	12.008