



SUNFLEX SAE 100R7 TWIN THERMOPLASTIC HOSE BS4983: 1973 DIN 24951 pt 2 ISO3945

Sunflex Thermoplastic Hose - SAE 100R7 Twin

An all-purpose medium pressure hose suitable for many hydraulic and pneumatic systems. Type 726 is compatible with hydraulic oils, grease, fuel oils, mineral oils and most phosphate esters.

For water and water-based hydraulic fluids, temperature is limited to 70°C.

This hose is also suitable for many industrial gases, e.g. Heliox (max.25% O²), Argon, Nitrogen, Carbon Dioxide, Helium and Air. Refer to BS6596 for recommended factors of safety.

Hose type 726 has a pin-pricked cover.

Applications: General Hydraulics, Mechanical Handling, Construction Equipment, Gas Applications, Machine tools.

Construction: Type 726 consists of two unplasticised polyester elastomer tubes, each reinforced with one braid of polyester fibre. The hose is then extruded together with a black polyurethane cover to form a Siamese hose. This construction provides easier parting than a welded construction.

Performance:

- Min/Max continuous service temperature range -40°C to 100°C (water and water-based fluids limited to 70°C)
- Low ID to OD ratios, slim and lightweight
- First-rate stability - change in length better than +/- 3%
- Excellent flexibility and flex fatigue resistance throughout temperature range.

Part Number	Nominal Inside Diameter		Nominal Outside Diameter		Working Pressure		Bursting Pressure		Min. Bend Radius		Hose Weight	
	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	lbs/ft	kg/m
R7WT-03-SF-PP	3/16	4.7	0.415	10.5	3000	207	12000	827	3.5	75	0.05	0.08
R7WT-04-SF-PP	1/4	6.4	0.500	12.7	2750	190	11000	758	4.0	100	0.07	0.10
R7WT-06-SF-PP	3/8	9.6	0.640	16.3	2250	155	9000	620	5.0	127	0.10	0.16
R7WT-08-SF-PP	1/2	12.7	0.790	20.1	2000	138	8000	552	7.0	178	0.14	0.22
R7WT-10-SF-PP	5/8	15.9	0.960	24.4	1500	103	6000	412	8.0	203	0.16	0.25
R7WT-12-SF-PP	3/4	19.0	1.040	26.4	1250	86	5000	345	10.0	254	0.20	0.30
R7WT-16-SF-PP	1	25.4	1.310	33.3	1000	69	4000	276	12.0	305	0.25	0.38