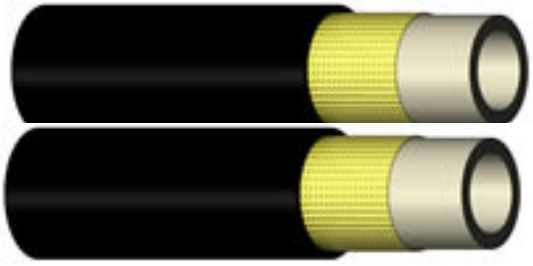

SUNFLEX SAE 100R8 TWIN THERMOPLASTIC HOSE BS4983 TYPE 2 ISO3945

SUNFLEX THERMOPLASTIC HOSE - SAE 100R8 TWIN

An all-purpose high pressure hose meeting SAE 100R8 working pressure standards and benefiting from the increased flexibility of SAE 100R7 dimensions. Suitable for many hydraulic and pneumatic systems, 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% O^2), Argon, Nitrogen, Carbon Dioxide, Helium and Air. Refer to BS6596 for recommended factors of safety.
SAE R8 has a non-pricked cover. For gas applications a pin-pricked cover is recommended which must be specified at time of ordering.

Applications: General Hydraulics, Mechanical Handling,Pressure Jetting, Machine Tools, Construction Equipment.

Construction: Consists of two unplasticised polyester elastomer tubes, each reinforced with one braid of polyaramid 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 maximum +/- 2%.
- 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
R8WT-03-SF-PP	3/16	4.7	0.415	10.5	5000	345	20000	1379	3.0	75	0.05	0.08
R8WT-04-SF-PP	1/4	6.4	0.625	15.9	5000	345	20000	1379	4.0	100	0.07	0.11
R8WT-06-SF-PP	3/8	9.6	0.760	19.3	4000	276	16000	1103	5.0	127	0.10	0.15
R8WT-08-SF-PP	1/2	12.7	0.890	22.6	3500	241	14000	965	7.0	128	0.13	0.20
R8WT-12-SF-PP	3/4	19.0	1.140	28.9	2250	155	9000	620	9.5	240	0.28	0.42