

# SAE 100R8 Thermoplastic Hose

**Application:**

- Thermoplastic hose with perforated cover for use on high pressure hydraulic applications

**Specification:**

- SAE100 R8

**Working Temperature**  
-40°C to +100°C

**Construction:**

- Inner Tuber: Thermoplastic Elastomer
- Reinforcement: Single layer of wire braid
- Outer cover: High abrasion resistant polyurethane

**Recommended Fluids:**

- Hose suitable for petroleum based hydraulic oil and water-glycol based fluids, lubricating oils, solvent and gas transfer & greasing

Part Number	Size			OD	Working Pressure		Burst Pressure		Bend Radius	
	mm	inch	SAE		Mpa	psi	Mpa	psi	Inch	mm
100R8-04	6.3	1/4	-4	12	40	5800	160	23200	3.15	80
100R8-05	8	5/16	-5	13.5	32	4640	128	18560	3.54	90
100R8-06	10	3/8	-6	16	28	4060	112	16240	3.94	100
100R8-08	12.5	1/2	-8	22	24	3480	96	13920	4.33	110