

## HSE-R8 Hydraulic Hose Technical Specifications

**Standard:** SAE 100R8 - ISO 3949

**Inner Tube:** Thermoplastic Polyester

**Reinforcement:** Aramid fibre

**Outer Layer:** Black abrasion resistant Polyurethane UV stabilised and pin pricked

**Temperature Range:** -40°C to 100°C (-40°F to 212°F)

Maximum Temp with air, water or water based fluids +70°C (+158°F)

**Application:** Conveying water-based, petroleum-based and biodegradable hydraulic oil.

Part Number	Size	ID		OD	Max Working Pressure		Min Bend Radius	Weight
		Min	Max	Max				
	inch	mm	mm	mm	bar	psi	mm	kg/m
HSE-R8-03	3/16"	4.6	5.4	10.0	350	5075	35	0.037
HSE-R8-04	1/4"	6.2	7.0	11.8	350	5075	50	0.085
HSE-R8-04 TWINLINE	1/4"	6.2	7.0	11.8	350	5075	50	0.175
HSE-R8-06	3/8"	9.3	10.3	16.0	280	4060	70	0.146
HSE-R8-06 TWINLINE	3/8"	9.3	10.3	16.0	280	4060	70	0.292
HSE-R8-08	1/2"	12.3	13.5	23.5	245	3552	95	0.225
HSE-R8-08 TWINLINE	1/2"	12.3	13.5	23.5	245	3552	95	0.450