

HSE-R7 Hydraulic Hose Technical Specifications

Standard: SAE 100R7 – ISO 3949

Inner Tube: Thermoplastic polyester

Reinforcement: Polyester fibre

Outer Layer: Black abrasion resistant Polyurethane UV stabilized 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-R7-02	1/8"	3.4	4.0	9.5	230	3335	12	0.057
HSE-R7-03	3/16"	4.6	5.4	11.4	210	3045	30	0.073
HSE-R7-04	1/4"	6.2	7.0	13.7	200	2900	35	0.090
HSE-R7-04 TWINLINE	1/4"	6.2	7.0	13.7	200	2900	35	0.180
HSE-R7-06	3/8"	9.3	10.3	18.4	175	2537	55	0.155
HSE-R7-06 TWINLINE	3/8"	9.3	10.3	18.4	175	2537	55	0.310
HSE-R7-08	1/2"	12.3	13.5	22.5	140	2030	75	0.219
HSE-R7-08 TWINLINE	1/2"	12.3	13.5	22.5	140	2030	75	0.438
HSE-R7-12	3/4"	18.6	19.8	28.6	90	1305	145	0.330
HSE-R7-16	1-0"	25.0	26.4	36.7	70	1015	200	0.403