

HSE-R16 Fluidflex Hydraulic Hose Technical Specifications

Standard: SAE 100R16, MSHA compliant

Inner Tube: Black hot oil resistant synthetic rubber (Nitrile)

Reinforcement: Two braids of high tensile super flexible steel wire

Outer Layer: Black oil, weather and abrasion resistant synthetic rubber (Nitrile)

Temperature Range: -40°C to 121°C (-40°F to 250°F)

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

Part Code	Size	ID		OD		Max Working Pressure		Min Bend Radius	Weight	Cover Type
		Min	Max	Min	Max					
	inch	mm	mm	mm	mm	bar	psi	mm	kg/m	Smooth / Wrapped
HSE-R16-04 Fluidflex	1/4	6.2	7.0	12.6	13.8	350	5075	50	0.3	Smooth
HSE-R16-06 Fluidflex	3/8	9.3	10.1	16.4	17.6	280	4060	65	0.42	Smooth
HSE-R16-08 Fluidflex	1/2	12.3	13.5	19.9	21.1	245	3550	90	0.54	Smooth
HSE-R16-12 Fluidflex	5/8	18.6	19.8	27.2	28.8	210	3040	120	0.80	Smooth
HSE-R16-16 Fluidflex	3/4	25.0	26.4	34.1	36.5	140	2030	150	1.15	Smooth