

HSE-R16 Smooth Fluidflex Hydraulic Hose Technical Specifications

Standard: SAE 100R16

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) – smooth cover

Temperature Range: -40°C to 121°C (-40°F to 250°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	Min	Max	bar	psi		
	inch	mm	mm	mm	mm	mm	bar	psi	mm
HSE-R16-04 Smooth Fluidflex	1/4	6.2	7.0	12.6	13.8	350	5075	50	0.3
HSE-R16-06 Smooth Fluidflex	3/8	9.3	10.1	16.4	17.6	280	4060	65	0.42
HSE-R16-08 Smooth Fluidflex	1/2	12.3	13.5	19.9	21.1	245	3550	90	0.54
HSE-R16-12 Smooth Fluidflex	5/8	18.6	19.8	27.2	28.8	210	3040	120	0.80
HSE-R16-16 Smooth Fluidflex	3/4	25.0	26.4	34.1	36.5	140	2030	150	1.15