

HSE-R15 Fluidflex Hydraulic Hose Technical Specifications

Standard: SAE 100R15 – EN856

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

Reinforcement: Four or six spirals 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. High pressure, high impulse applications

Part Number	Size	ID		OD		Max Working Pressure		Min Bend Radius	Weight
		Min	Max	Min	Max	bar	psi		
	inch	mm	mm	mm	mm	mm	kg/m		
HSE-R15-08 Fluidflex	1/2	12.5	13.5	24.2	26.2	420	6000	200	1.10
HSE-R15-12 Fluidflex	3/4	18.6	19.8	30.0	32.0	420	6000	265	1.54
HSE-R15-16 Fluidflex	1-0	25.0	26.4	37.2	39.6	420	6000	330	2.17
HSE-R15-20 Fluidflex	1 1/4	31.4	33.0	48.7	51.7	420	6000	445	4.08
HSE-R15-24 Fluidflex	1 1/2	37.7	39.3	54.5	57.5	420	6000	530	4.67