

HSE-R12 Fluidflex Hydraulic Hose Technical Specifications

Standard: SAE 100R12 / MSHA

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

Reinforcement: Four plies of spiraled high tensile steel wire

Outer Layer: Black oil and weather 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 under harsh working conditions

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-R12-12 Fluidflex	3/4	18.6	19.8	26.9	28.4	280	4065	240	1.33
HSE-R12-16 Fluidflex	1-0	25.0	26.4	34.2	35.8	210	3040	300	1.83
HSE-R12-20 Fluidflex	1-1/4	31.4	33.0	42.9	44.9	175	2540	420	2.67