

HSE-R1AT Smooth Fluidflex Hydraulic Hose Technical Specifications

Standard: SAE 100R1AT / EN853 1SN, MSHA compliant

Inner Tube: Black oil resistant synthetic rubber (Nitrile)

Reinforcement: One braid of high tensile steel wire

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

Temperature Range: -40°C to 100°C (-40°F to 212°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-R1AT-12 Fluidflex	3/4	18.6	19.8	27.0	28.6	105	1523	240	0.67	Smooth
HSE-R1AT-16 Fluidflex	1-0	25.0	26.4	35.2	36.6	87	1262	300	0.98	Smooth