

HSE-R17 Fluidflex Hydraulic Hose Technical Specifications

Standard: SAE 100R17
 Inner Tube: Black oil resistant synthetic rubber (Nitrile)
 Reinforcement: One braid of high tensile flexible steel wire in sizes up to and including -08 and two braids in sizes -10, -12 & -16
 Outer Layer: Black oil, weather and abrasion resistant 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 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-R17-04 Fluidflex	1/4	6.2	7.0	12.2	13.4	210	3045	50	0.19
HSE-R17-05 Fluidflex	5/16	7.7	8.5	13.7	14.9	210	3045	55	0.22
HSE-R17-06 Fluidflex	3/8	9.3	10.1	15.5	16.7	210	3045	65	0.28
HSE-R17-08 Fluidflex	1/2	12.3	13.5	19.4	20.6	210	3045	90	0.38
HSE-R17-10 Fluidflex	5/8	15.5	16.7	23.9	25.1	210	3045	100	0.68
HSE-R17-12 Fluidflex	3/4	18.6	19.8	26.9	28.5	210	3045	120	0.83
HSE-R17-16 Fluidflex	1-0	25.5	26.4	35.7	37.3	210	3045	150	1.29