

## HSE-R2AT Fluidflex Hydraulic Hose Technical Specifications

Standard: SAE 100R2AT / EN853 2SN  
 Inner Tube: Black oil resistant synthetic rubber (Nitrile)  
 Reinforcement: Two braids of high tensile flexible steel wire  
 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-R2AT-03 Fluidflex	3/16	4.6	5.4	12.7	13.9	415	6000	90	0.27
HSE-R2AT-04 Fluidflex	1/4	6.1	7	14.4	15.6	400	5800	100	0.35
HSE-R2AT-05 Fluidflex	5/16	7.7	8.5	15.7	16.9	350	5000	115	0.4
HSE-R2AT-06 Fluidflex	3/8	9.3	10.3	18.1	19.3	330	4700	130	0.51
HSE-R2AT-08 Fluidflex	1/2	12.3	13.5	21.6	22.8	275	3900	180	0.63
HSE-R2AT-10 Fluidflex	5/8	15.5	16.7	24.6	26.2	250	3600	200	0.74
HSE-R2AT-12 Fluidflex	3/4	18.6	19.8	28.8	30.4	215	3100	240	0.92
HSE-R2AT-16 Fluidflex	1-0	25	26.4	36.3	37.9	165	2390	300	1.33
HSE-R2AT-20 Fluidflex	1 1/4	31.4	33	46.3	48.7	125	1810	420	1.97
HSE-R2AT-24 Fluidflex	1 1/2	37.7	39.3	52.8	55.2	90	1300	500	2.33
HSE-R2AT-32 Fluidflex	2-0	50.4	52	65.6	68	80	1160	630	2.88