

## SAE 100 R4



**Textile Reinforced Hydraulic oil Suction Hose with embedded Steel Wire**

**Description**

**Inner Tube :**

oil resistant synthetic rubber - delivering hydraulic oil and water for long-term use.

**Reinforcement Layer:**

2 layer or multiple layers of high strength synthetic textile and helix steel wire - its used to withstand high pressure.

**Cover :**

oil resistant and weather resistant synthetic rubber - it can work at tough condition and complex environment.

**Temperature :**

-40°C (-104°F) to +100°C (+212 °F)

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Metric Size	Inch Size	Dash Size	I.D		O.D	W.P		B.P	R	kg
			(mm)		(mm)					
mm	Inches	Dash	Min	Max	Min	Mpa	Psi	Mpa	mm	Kg/m
19	3/4	12	18.2	19.8	34.9	2.1	305	8.4	125	0.81
25	1	16	24.6	26.2	41.3	1.7	247	6.8	150	0.97
31.8	1-1/4	20	30.6	33.0	50.8	1.4	203	5.6	200	1.24
38	1-1/2	24	36.9	39.3	57.2	1.1	160	4.2	255	1.50
51	2	32	49.2	52.4	69.9	0.7	102	2.8	300	1.89
63	2-1/2	40	61.9	65.1	82.6	0.4	58	1.6	355	2.54
76	3	48	74.6	77.8	95.3	0.4	58	1.6	460	3.20
89	3-1/2	56	87.3	90.5	107.9	0.3	44	1.2	530	3.84

**Application Fields:**

municipal engineering: suction and drainage pipe for water and liquid  
 mine hydraulic support: excavator  
 oil field mining: drilling equipment, drilling rig, oil pump  
 engineering construction: lift machine, scraper, loader, drill, pile driver  
 road construction machinery: rock crusher, stone crusher

**Product features:**

Oil resistance and high pressure resistance  
 High temperature resistance and heat resistance  
 Aging resistance with long service life  
 Good flexibility without distortion