

SAE 100 R16

Compact High-pressure One-layer and Two Layers Steel Wire Reinforced Hydraulic Hose

Description

Inner Tube :

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

Reinforcement Layer:

high tensile steel wire braided - 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		W.D	O.D	Max W.P		Min B.P	Min B.R	W.T
			Standard(mm)		Standard(mm)	Standard(mm)					
mm	inches	Dash	Min	Max	Max	Max	Mpa	psi	Mpa	mm	Kg/m
6.3	1/4	4	6.2	7	12.3	14.5	35	5075	140	50	0.31
8	5/16	5	7.7	8.5	13.3	15.7	29.7	4307	119	55	0.35
10	3/8	6	9.3	10.1	15.9	18.8	28	4060	112	65	0.47
12.5	1/2	8	12.3	13.5	19	22	24.5	3553	98	90	0.54
16	5/8	10	15.5	16.7	22.6	25.4	19.2	2784	77	100	0.7
19	3/4	12	18.6	19.8	26.3	29	15.7	2277	63	120	0.86
25	1	16	25	26.4	34	36.6	14	2030	56	150	1.2
31.5	1-1/4	20	31.4	33	41.9	44.3	11.3	1639	45	210	1.6

Application Fields:

mine hydraulic support: excavator、pneumatic equipment
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