

SAE 100 R5

Single Wire Braid and Textile Covered Hydraulic Hose

Description

Inner Tube :

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

Reinforcement Layer:

single layer of steel wire braid - its used to withstand high pressure.

Cover :

fibre braid - it protects the reinforcement from external damage and can work at 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		Max W.P		Min B.P	Min B.R	W.T
			Standard(mm)		Standard(mm)						
mm	Inches	Dash	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
5	3/16	03	4.8	5.5	12.7	13.7	21.0	3045	84.0	75	0.22
6.4	1/4	04	6.4	7.2	14.3	15.3	21.0	3045	84.0	85	0.26
8	5/16	05	7.9	8.7	16.7	17.6	15.7	2277	62.8	100	0.32
11	13/32	06	10.3	11.1	18.9	20.0	14.0	2030	56.0	115	0.37
12.5	1/2	08	12.7	13.7	22.8	24.0	12.2	1769	48.8	140	0.55
16	5/8	10	15.9	17.0	26.8	28.0	10.5	1523	42.0	165	0.63
22	7/8	14	22.2	23.3	30.6	32.2	5.6	812	22.4	185	0.70
29	1-1/8	18	28.6	29.8	37.3	38.9	4.3	624	17.2	230	0.83
35	1-3/8	22	34.9	36.1	43.7	45.2	3.5	508	14.0	265	0.98
46	1-13/16	29	46.0	47.2	55.2	57.6	2.4	348	9.6	335	1.37
60	2-3/8	38	60.3	61.9	71.8	74.2	2.4	348	9.6	610	1.89
76	3	48	76.2	77.8	89.3	91.7	1.4	203	5.6	840	2.71

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