

SAE100R9+R10+R12

Heavy Duty Four-layer Steel Wire Spiral Reinforced Hydraulic Hose

Description

Inner Tube :

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

Reinforcement Layer:

four layers of high-tensile steel wire spiral or braided reinforced - 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	Min	Max	Min	Max	Mpa	psi	Mpa	mm	Kg/m
10	3/8	6	9.3	10.1	16.6	17.8	19.5	21	28	4060	112	125	0.7
12.5	1/2	8	12.3	13.5	19.9	21.5	23	24.6	28	4060	112	180	0.88
16	5/8	10	15.5	16.7	23.8	25.4	26.5	28.2	28	4060	112	200	1.06
19	3/4	12	18.6	19.8	26.9	28.4	29.9	31.5	28	4060	112	240	1.38
25	1	16	25	26.4	34.1	35.7	36.8	39.2	28	4060	112	300	1.96
31.8	1-1/4	20	31.4	33	42.7	45.1	45.4	48.6	21	3045	84	420	2.61
38	1-1/2	24	37.7	39.3	49.2	51.6	51.9	55	17.5	2538	70	500	3.05
51	2	32	50.8	52	62.5	64.8	65.1	68.3	17.5	2538	70	640	4.5

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