





100 R2AT HOSE



Application:

High Pressure Hydraulic Lines 80 to 415 bar and requires compact outer dia. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Earthmoving & Material handling equipments and machineries/systems.

					
Dash size	ID	OD	Working Pressure	Burst Pressure	Bending Radius
	mm	mm	bar	bar	mm
-3	4.8	14	415	1660	90
-4	6.4	15	400	1600	100
-5	8	16.5	350	1400	115
-6	9.5	18.8	330	1320	130
-8	12.7	22	276	1104	180
-10	16	25.2	250	1000	200
-12	19	29.2	215	860	240
-16	25.4	37.6	165	660	300
-20	31.8	47.5	125	500	420
-24	38.1	54.3	90	360	500
-32	50.8	67	80	320	630
-40	63.5	83	70	280	760
-48	76.2	96	55	220	900

Applicable Standard:

Standard: SAE J517 – 100 R2 / EN 853-2SN.

Construction:

Core: Oil & water resistant Synthetic rubber.

Reinforcement: Double steel wire braids.

Cover: Black Color, Synthetic rubber resistant to weather and abrasion, oil & ozone.

Temperature Range:

Continuous: -40°C to +120°C

Impulse Cycles: 200,000

Tested upto: **400,000 cycles, upto 1" I.D.**

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