

Today, hydraulic hoses are composed of three parts: an inner tube (which transports the fluid), a reinforcement layer, and a protective covering/outer layer. The inner tube is usually designed to be flexible, and it needs to be compatible with the specific type of fluid that will pass through it.

On the other hand, the reinforcement layer is made from single or multiple sheaths of braided wire, textile yarn or spiral-wound wire. Lastly, the protective covering is made to be resistant to oil, abrasion, and the elements. So, you will need to choose the specific type of protection that you need depending on the environment that the hose will be used.

Construction

**Core :** Black Color, Synthetic rubber resistant to oil and water

**Cover :** Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone

**Reinforcement :**Double braided fiber mesh

**Application :** Hydraulic Return Lines in low pressure, Pneumatic Applications, Power Steering Systems, Agricultural Machinery and Low-Pressure Fuel and Lubrication Systems etc.

**Temperature Range :** Continuous: -40°C to +100°C

**Impulse Cycles :** 200,000; Tested upto 1/2" I.D

**Applicable Standard :** SAE 100 R3



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Item Code	ID	ID	OD	W.P	W.P	B.P	B.P	Std Length	Price
	inch	mm	mm	psi	bar	psi	bar	mtr	Per Mtr
14R3	1/4"	6.4	14.3	1305	90	5075	350	50	160.00
516R3	5/16"	7.9	17.5	1235	85	4930	340	50	210.00
38R3	3/8"	9.5	19.0	1160	80	4570	315	50	225.00
12R3	1/2"	12.7	23.8	1015	70	4060	280	50	300.00