

Turner Fluid Power Limited

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Dunlop Hiflex SAE 100R5

Specification for 1R5K

Nominal Bore Size		Mean Diameter Over Cover		Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius		Approx Weight	
Inch	MM	Inch	MM	PSI	Bar	PSI	Bar	Inch	MM	Lbs/ft	Kg/M
3/16	4.8	0.520	13.2	3,000	207	12,000	828	3.00	75	0.17	0.25
1/4	6.3	0.583	14.8	3,000	207	12,000	828	3.25	85	0.18	0.27
5/16	8.0	0.677	17.2	2,250	155	9,000	621	4.00	100	0.24	0.35
13/32	10.3	0.764	19.4	2,000	138	8,000	552	4.50	115	0.29	0.43
1/2	12.7	0.921	23.4	1,750	121	7,000	483	5.50	140	0.38	0.57
5/8	15.9	1.079	27.4	1,500	103	6,000	414	6.50	165	0.50	0.74
7/8	22.2	1.236	31.4	800	55	3,200	221	7.25	185	0.52	0.77
1.1/8	28.6	1.500	38.1	625	43	2,500	172	9.00	230	0.58	0.86
1.3/8	34.9	1.752	44.5	500	34	2,000	138	10.50	265	0.67	0.99
1.13/16	46.0	2.220	56.4	350	24	1,400	97	13.25	335	0.90	1.34

Product Information

- Description** : Medium pressure, textile covered wire braid hydraulic hose
 : Complies with SAE 100R5
- Liner** : Black; oil resistant synthetic rubber
- Cover** : Black polyester braid
- Reinforcement** : One braid of high tensile steel wire
- Temperature Range** : -40°C to +100°C (-40°F TO +212°F); Intermittent use up to +125°C (257°F)*

* Petroleum based fluids only. Water based fluids at temperatures -40°C to +70°C (-40°F to +158°F)

Applications

Hydraulic systems with petroleum or water/glycol based fluids and for fuel and lubricating oils.

Replaces: DH.80, BTR 123

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