

1.4 Textile Braid Hydraulic Hose

HYDRAULIC SERIES

SAE 100 R3

Tube: Oil resistant synthetic rubber.

Reinforcement: Two high tensile fibre braided (2T/B).

Cover: Black, abrasion and weather resistant synthetic rubber.

MSHA accepted.

Temperature range: - 40°C to + 125°C



Hose ID		Hose OD	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight
inch	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
3/16	4.8	12.7	10.3	1500	41.4	6000	75	0.16
1/4	6.4	14.3	8.6	1250	34.5	5000	75	0.19
5/16	7.9	17.5	8.3	1200	33.1	4800	100	0.26
3/8	9.5	19.0	7.8	1125	31.0	4500	100	0.28
1/2	12.7	23.8	6.9	1000	27.6	4000	125	0.40
5/8	15.9	27.0	6.0	875	24.1	3500	140	0.55
3/4	19.0	31.8	5.2	750	20.7	3000	150	0.69
1	25.4	38.0	3.9	565	15.5	2250	205	0.82
1-1/4	31.8	44.4	2.6	375	10.3	1500	250	1.00

SAE 100 R6

Tube: Oil resistant synthetic rubber.

Reinforcement: One high tensile fibre braided (1T/B).

Cover: Abrasion and weather resistant synthetic rubber

Temperature range: - 40°C to + 100°C



Hose ID		Hose OD	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight
inch	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
3/16	4.8	11.1	3.5	500	14.0	2000	50	0.11
1/4	6.4	12.7	2.7	400	11.0	1600	65	0.15
5/16	7.9	14.3	2.7	400	11.0	1600	75	0.16
3/8	9.5	15.9	2.7	4800	11.0	1600	75	0.18
1/2	12.7	19.8	2.7	400	11.0	1600	100	0.26
5/8	15.9	23.0	2.4	400	9.7	1400	125	0.29
3/4	19.0	26.6	2.0	300	8.3	1200	150	0.40

