

HYDRAULIC SERIES

1.2 Wire Multi-Spiral Hydraulic Hose

SAE 100 R15

Tube: Oil resistant synthetic rubber.

Reinforcement: Six high tensile steel wire spiral layers.

Cover: Black, abrasion and weather resistant synthetic rubber

Temperature range: - 40°C to + 125°C



Hose ID		Wire OD	Hose OD	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight
inch	mm	mm	mm	Mpa	Psi	Mpa	Psi	Mm	Kg/m
1/2	12.7	26.8	41.4	45.0	6000	165.5	24000	203	0.87
5/8	15.9	30.2	41.4	41.5	6000	165.5	24000	254	1.31
3/4	19.0	36.1	41.4	35.0	6000	165.5	24000	267	1.61
1	25.4	42.9	41.4	35.0	6000	165.5	24000	330	2.20
1-1/4	31.8	51.5	41.4	28.0	6000	165.5	24000	444	3.57
1-1/2	38.1	59.6	41.4	21.0	6000	165.5	24000	533	4.98
2	50.8	73.5	41.4	18.5	6000	165.5	24000	762	7.06

HYDRAULIC SERIES

1.3 Wire Braid Textile Cover Hose

SAE 100 R5

Tube: Oil resistant synthetic rubber.

Reinforcement: 1T/BX1W/B

(fibre inner braid +one high tensile steel wire braid)

Cover: One textile braid embedded with 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	13.2	20.7	3000	82.7	12000	76	0.24
1/4	6.4	14.8	20.7	3000	82.7	12000	86	0.29
5/16	7.9	17.1	15.5	2250	62.1	9000	102	0.36
13/32	10.3	19.5	13.8	2000	55.2	8000	117	0.48
1/2	12.7	23.4	12.1	1750	48.3	7000	140	0.55
5/8	15.9	27.4	10.3	1500	41.4	6000	165	0.65
7/8	22.2	31.4	5.5	800	22.1	32000	187	0.69
1-1/8	28.6	38.1	4.3	625	17.2	25000	229	0.84
1-3/8	35.0	44.4	3.4	500	13.8	2000	267	1.03
1-13/16	46.0	56.4	2.4	350	9.6	14000	337	1.26
2-3/8	60.5	73.0	2.4	350	9.6	14000	610	2.00
3	76.5	90.5	1.4	200	5.6	800	840	3.00