

1.14 Wire Braid –Textile Cover Hose

SAE J517 Type 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

1.15 Stainless Steel Teflon Hose

Stainless Steel Teflon Hose SAE 100 R14

Tube: Temperature chemical resistant PTFE material

Cover: Braided with stainless steel

Temperature range: - 60°C to + 260°C



Nominal Diameter	Hose ID	Hose OD	Working Pressure		Burst Pressure		Minimum Bend Radius	Wall thickness
			Psi	Bar	Psi	Bar		
1/8	3.30-3.51	6.10-6.60	4830	333	14500	1000	38	0.98
1/4	4.65-5.16	7.32-8.43	4330	299	13000	897	71	0.98
5/16	5.97-6.81	8.26-9.42	4000	276	12000	828	76	0.98
3/8	7.54-8.38	10.36-11.63	3330	230	10000	690	127	0.98
1/2	9.93-10.64	12.78-14.10	2660	183	8000	552	133	0.98
5/8	12.57-13.34	12.75-16.76	2330	161	7000	483	177	1.20
3/4	15.24-16.51	18.62-20.14	2000	138	6000	414	203	1.50
1	21.46-22.99	24.64-26.95	1500	103	4500	310	241	1.50
1-1/4	27.80-29.40	31.90-33.50	600	41	2500	172	406	1.50

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