

J.R. ENGINEERING SUPPLIES LTD., PART.

One Wire Braid Hose SAE 100R1AT

Meets or exceeds the requirement of SAE J517 100R1 TYPE AT

Meets Flame resistance acceptance designation US MSHA IC-152/1

Construction - Synthetic rubber black tube; oil resistant; single high tensile steel wire braid reinforcement; synthetic rubber outer cover, fuel weather, ozone and abrasion resistant.

Application - Medium pressure service with high temperature petroleum base hydraulic fluids, hot air, grease, lubricant, air and water

Temperature Range - -40C to +80C (-40F to + 175F)

Hose ID		Hose Dash	Hose OD		Max work Pressure	Min Burst Pressure	Min Bend Radius	Weight
in	mm		in	mm	psi	psi	in	kg/m
1/4"	6.4	-4	0.52	13.4	2750	11000	4.0	0.16
5/16"	7.9	-5	0.59	15.0	2500	10000	4.5	0.17
3/8"	9.5	-6	0.68	17.4	2250	9000	5.0	0.25
1/2"	12.7	-8	0.81	20.6	2000	8000	7.0	0.29
5/8"	15.9	-10	0.93	23.7	1500	6000	8.0	0.34
3/4"	19.0	-12	1.09	27.7	1250	5000	9.5	0.45
1"	25.4	-16	1.40	35.6	1000	4000	12.0	0.68
1-1/4"	31.8	-20	1.71	43.5	625	2500	16.5	0.80
1-1/2"	38.1	-24	1.99	50.6	500	2000	20.0	0.95
2"	50.8	-32	2.52	64.0	375	1500	25.0	1.45