

# J.R. ENGINEERING SUPPLIES LTD., PART.

## Two Wire Braid Hose SAE 100R2AT

Meets or exceeds the requirement of SAE J517 100R2 TYPE AT - EN 853 2SN - ISO 1436

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

**Construction** - Synthetic rubber black tube; oil resistant; two high tensile steel wire braids reinforcement separated by synthetic rubber layer; synthetic rubber outer cover; oil, fuel weather, ozone and abrasion resistant.

**Application** - High pressure service with petroleum base hydraulic fluids, waterglycol and water-fire resistant hydraulic fluids, hot oil, grease, lubricants, crude and fuel oils, 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	0.59	15.0	5800	23200	4.0	0.24
5/16"	7.9	-5	0.65	16.7	5000	20000	4.5	0.26
3/8"	9.5	-6	0.75	19.1	4800	19200	5.0	0.34
1/2"	12.7	-8	0.87	22.2	4000	16000	7.0	0.42
5/8"	15.9	-10	1.00	25.4	3630	14520	8.0	0.51
3/4"	19.0	-12	1.15	29.3	3120	12480	9.5	0.65
1"	25.4	-16	1.50	38.1	2400	9600	12.0	1.02
1-1/4"	31.8	-20	1.90	48.3	1820	7280	16.5	1.26
1-1/2"	38.1	-24	2.15	54.6	1310	5240	20.0	1.45
2"	50.8	-32	2.65	67.4	1160	4640	25.0	1.99