

Wire Braid Hydraulic Hose - SAE 100R1 Type AT



Category: Hydraulic Hose

Application: Medium pressure hydraulic lines
Meets or exceeds the requirements of SAE 100R1 Type AT and SAE 100R1 Type S and performance requirements of EN 853 1SN.
(Meets MSHA Flame Resistance Acceptance Designation)

Construction

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C)
Reinforcement: One braid of high-tensile steel wire.
Cover: Black, oil and abrasion resistant, synthetic rubber (Modified Nitrile - Type C2).
Temperature: -40°F to +212°F (-40°C to +100°C)

Couplings: Field Attachable "Type T" Couplings
MegaCrimp® Couplings (except -3, -24 and -32)
Permanent GSP Couplings (-3 only)

Category: Medium Pressure

Colors: Black

Hose ID	Hose OD	Working Pressure	Min Burst Pressure	Min Bend Radius
in	in	psi	psi	in
3/16	0.47	3,625	14,500	3.0
3/16	0.47	3,625	14,500	3.0
1/4	0.53	3,275	13,100	4.0
1/4	0.53	3,275	13,100	4.0
5/16	0.59	3,125	12,500	4.5
3/8	0.69	2,600	10,400	5.0
3/8	0.69	2,600	10,400	5.0
1/2	0.82	2,325	9,300	7.0
1/2	0.82	2,325	9,300	7.0
1/2	0.82	2,325	9,300	7.0
5/8	0.94	1,900	7,600	8.0
5/8	0.94	1,900	7,600	8.0
3/4	1.10	1,525	6,100	9.0
3/4	1.10	1,525	6,100	9.0
1	1.41	1,275	5,100	12.0
1	1.41	1,275	5,100	12.0
1 1/4	1.71	925	3,700	16.0
1 1/4	1.71	925	3,700	16.0
1 1/2	1.96	725	2,900	20.0
2	2.52	600	2,700	25.0