

Construction

Inner Tube: Oil and heat resistant synthetic rubber.

Reinforcement: Braided high tensile steel wire.

Cover: Black synthetic rubber, resistant to abrasion, oil, fuel and weathering.

Application

Medium to high pressure hydraulic oil lines.

Features

Will handle petroleum based hydraulic fluids, air, diesel fuels and lubricating oils.

Temperature Range

-40° F to +210° F with peaks up to 250° F.

United States Coast Guard approved type H. Meets flame resistance designation MSHA 1C-111. Conforms to SAE EN 853 2SN.

Nominal I.D.		Type	Hose I.D.*		Wire O.D.*		Hose O.D.*		Bend*	WP
Inches	mm		Min	Max	Min	Max	Min	Max	Radius	(PSI)
1 1/4	32	100R2AT-20	1.236	1.299	1.705	1.799	1.854	1.949	16.5	1600
1 1/2	38	100R2AT-24	1.484	1.547	1.953	2.047	2.098	2.201	20	1250
2	51	100R2AT-32	1.984	2.047	2.453	2.547	2.598	2.701	27.5	1140

**Construction**

Inner Tube: Oil and heat resistant synthetic rubber.

Reinforcement: One textile braid and one braid of high tensile steel wire.

Cover: Black textile braid impregnated with rubber, resistant to oil, fuel and weathering.

Application

Medium pressure hydraulic oil lines.

Features

Will handle petroleum based hydraulic fluids, air, water, diesel fuels and lubricating oils.

Temperature Range

-40° F to +210° F with peaks up to 250° F.

Meets or exceeds SAE 100R5 requirements. Meets SAE 1402 standard for automotive air brake hose and hose assemblies.

Nominal I.D.		Type	Hose I.D.*		Hose O.D.*		Bend*	WP
Inches	mm		Min	Max	Min	Max	Radius	(PSI)
3/16	5	100R5-04	0.19	0.20	0.50	0.54	3	2792
1/4	6.5	100R5-05	0.25	0.28	0.56	0.60	3.3	2972
5/16	8	100R5-06	0.31	0.34	0.66	0.69	3.9	2248
13/32	10.5	100R5-08	0.41	0.44	0.74	0.79	4.5	2030
1/2	13	100R5-10	0.50	0.54	0.90	0.94	5.5	1740
5/8	16	100R5-12	0.63	0.67	1.06	1.10	6.5	1522
7/8	22	100R5-16	0.87	0.92	1.20	1.27	7.3	638
1 1/8	29	100R5-20	1.13	1.17	1.47	1.53	9.1	652
1 3/8	35	100R5-24	1.37	1.42	1.72	1.78	10.4	508
1 13/16	46	100R5-32	1.81	1.86	2.17	2.27	13.2	362