



SAE 100R5

Air Brake Hose

Medium pressure hydraulic applications using petroleum-based hydraulic fluids. Also for gasoline, water, air, and truck air brake applications.

Meets and exceeds the requirements of SAE 100R5 and SAE J1402 type All for hydraulic service in all sizes. Meets and exceeds the requirements of DOT FMVSS 106 type All for the truck air brake applications in sizes 3/16" thru 5/8".

Also approved by AAMVA for air brake service.



Part Number (SAE-100R5)	Part Number (All-Temp)	Hose ID (inches)	Hose OD (inches)	Rated WP (psi)	Burst (psi)	Bend Radius (inches)	Weight (lbs)
A005-04	A803-04	3/16	0.52	3,000	12,000	3.00	0.16
A005-05	A803-05	1/14	0.58	3,000	12,000	3.38	0.18
A005-06	A803-06	5/16	0.67	2,250	9,000	4.00	0.23
A005-08	A803-08	13/32	0.77	2,000	8,000	4.62	0.27
A005-10	A803-10	1/2	0.92	1,750	7,000	5.50	0.36
A005-12	A803-12	5/8	1.08	1,500	6,000	6.50	0.44
1005-16	1803-16	7/8	1.23	800	3,200	7.38	0.45
1005-20	1803-20	1-1/8	1.50	625	2,500	9.00	0.56
1005-24	1803-24	1-3/8	1.75	500	2,000	10.50	0.64
1005-32	1803-32	1-13/16	2.22	350	1,400	13.25	0.83
1005-40	1803-40	2-3/8	2.88	350	1,400	24.00	1.30

Tube: Black, oil resistant, high-temperature Nitrile (NBR)

Reinforcement: One high-tensile steel wire braid over one polyester braid

Cover: Oil resistant polyester braid impregnated with Neoprene (CR)

Temperature: -40°F to +275°F (SAE-100R5)
-40°F to +300°F (All-Temp)

Coupling: 1PR5; Brass fittings available