

SEVERE TEMPERATURE APPLICATIONS HYDRAULIC HOSE

ALL TEMP 1-WIRE BRAID TEXTILE COVER

Recommended Use: High temperature medium pressure hydraulic applications using petroleum base hydraulic fluids. Also for gasoline, diesel fuel, oil, water and air. Meets SAE 100R5 and SAE J1402 type All for hydraulic service in all sizes. Meets the requirements of DOT FMVSS 106 type All for truck air brake applications in sizes 3/16" thru 5/8". Also is approved by AAMVA for air brake service.

Reinforcement: One high tensile steel wire braid over one polyester braid. Friction layers under and over braid improve tube and cover adhesion.

Temperature: -65°F to +300°F

Tube: Black, oil resistant all temperature Nitrile (NBR) **Cover:** MSHA approved Neoprene (CR); black cover

Cover: Blue, oil resistant polyester braid impregnated with Neoprene (CR)



PART NUMBER	HOSE I.D. (IN.)	HOSE O.D. (IN.)	RATED W.P. (PSI)	MIN. BEND RADIUS (IN.)	MINIMUM BEND RADIUS (IN.)	WEIGHT PER FOOT (LB.)
A803-04	3/16	0.52	3,000	12,000	3.00	0.16
A803-05	1/4	0.58	3,000	12,000	3.38	0.18
A803-06	5/16	0.67	2,250	9,000	4.00	0.23
A803-08	13/32	0.77	2,000	8,000	4.62	0.27
A803-10	1/2	0.92	1,750	7,000	5.50	0.36
A803-12	5/8	1.08	1,500	6,000	6.50	0.44
A803-16	7/8	1.23	800	3,200	7.38	0.45
A803-20	1-1/8	1.50	625	2,500	9.00	0.56
A803-24	1-3/8	1.75	500	2,000	10.50	0.64
A803-32	1-13/16	2.22	350	1,400	13.25	0.90
A803-40	2-3/8	2.87	350	1,400	24.00	1.36

HIGH TEMP II-2-WIRE BRAID NON-SKIVE

Recommended Use: High temperature medium pressure hydraulic applications using petroleum base hydraulic fluids. Also for gasoline, diesel fuel, oil water and air. Dimensions and working pressure the same as SAE 100R2AT.

Reinforcement: Two high tensile steel wire braids.

Temperature: -40°F to +300°F

Tube: Black, oil and heat resistant synthetic Nitrile (NBR)

Cover: Blue, oil and abrasion resistant Neoprene (CR)



PART NUMBER	HOSE I.D. (IN.)	HOSE O.D. (IN.)	RATED W.P. (PSI)	MIN. BEND RADIUS (IN.)	MINIMUM BEND RADIUS (IN.)	WEIGHT PER FOOT (LB.)
A807-04	1/4	0.59	5,000	20,000	4.00	.25
A807-06	3/8	0.75	4,000	16,000	5.00	.32
A807-08	1/2	0.86	3,500	14,000	7.00	.40
A807-12	3/4	1.16	2,250	9,000	9.50	.57
A807-16	1	1.49	2,000	8,000	12.00	.90
A807-20	1-1/4	1.9	1,625	6,500	16.50	1.47
A807-24	1-1/2	2.15	1,250	5,000	25.00	1.70
A807-32	2	2.66	1,125	4,500	25.00	2.34



SAE 100R5 NRP 1-WIRE BRAID TEXTILE COVER



Recommended Use: 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 A11 for hydraulic service in all sizes. Meets and exceeds the requirements of DOT FMVSS 106 type A11 for the truck air brake applications in sizes 3/16" thru 5/8". Also approved by AAMVA for air brake service.

Reinforcement: One high tensile steel wire braid over one polyester braid. Friction layers under and over wire braid to improve tube and cover adhesion.

Temperature: -40°F to +275°F; +300°F intermittent.

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

Cover: Black, oil resistant polyester braid impregnated with Neoprene (CR).

Choose Variation: Choose an option 1005-16 1005-20 1005-24 1005-32 1005-40 A005-04 A005-05 A005-06 A005-08 A005-10 A005-12

PART NUMBER	HOSE I.D. (IN.)	HOSE O.D. (IN.)	RATED W.P. (PSI)	MIN. BEND RADIUS (IN.)	MINIMUM BEND RADIUS (IN.)	WEIGHT PER FOOT (LB.)
A005-04	3/16	0.52	3,000	12,000	3.00	0.16
A005-05	1/4	0.58	3,000	12,000	3.38	0.18
A005-06	5/16	0.67	2,250	9,000	4.00	0.23
A005-08	13/32	0.77	2,000	8,000	4.62	0.27
A005-10	1/2	0.92	1,750	7,000	5.50	0.36
A005-12	5/8	1.08	1,500	6,000	6.50	0.44
A005-16	7/8	1.23	800	3,200	7.38	0.45
A005-20	1-1/8	1.50	625	2,500	9.00	0.56
A005-24	1-3/8	1.75	500	2,000	10.50	0.64
A005-32	1-13/16	2.22	350	1,400	13.25	0.83
A005-40	2-2/8	2.88	350	1,400	24.00	1.30

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