



Temperature range  
from -65°F to +300°F

Designed to SAE 100R5  
and SAE 100R2AT specs

Meets DOT requirements

Made in the U.S.A.

# Hydraulic Hose

for Severe Temperature Applications



# All Temp 1-Wire Braid Textile Cover



Part Number	Hose ID (inches)	Hose OD (inches)	Rated WP (psi)	Minimum Burst (psi)	Minimum Bend Radius (inches)	Weight Per Foot (lbs)
A803-04	3/16	.52	3,000	12,000	3.00	.16
A803-05	1/4	.58	3,000	12,000	3.38	.18
A803-06	5/16	.67	2,250	9,000	4.00	.23
A803-08	13/32	.77	2,000	8,000	4.62	.27
A803-10	1/2	.92	1,750	7,000	5.50	.36
A803-12	5/8	1.08	1,500	6,000	6.50	.44
1803-16	7/8	1.23	800	3,200	7.38	.45
1803-20	1-1/8	1.50	625	2,500	9.00	.56
1803-24	1-3/8	1.75	500	2,000	10.50	.64
1803-32	1-13/16	2.22	350	1,400	13.25	.90
1803-40	2-3/8	2.87	350	1,400	24.00	1.36

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

**Tube:** Black, oil resistant all temperature Nitrile (NBR)

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

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

**Temperature:** -65°F to +300°F

# High Temp 1-Wire Braid Textile Cover



Part Number	Hose ID (inches)	Hose OD (inches)	Rated WP (psi)	Minimum Burst (psi)	Minimum Bend Radius (inches)	Weight Per Foot (lbs)
A811-04	3/16	.52	3,000	12,000	3.00	.16
A811-05	1/4	.58	3,000	12,000	3.38	.18
A811-06	5/16	.67	2,250	9,000	4.00	.23
A811-08	13/32	.77	2,000	8,000	4.62	.27
A811-10	1/2	.92	1,750	7,000	5.50	.36
A811-12	5/8	1.08	1,500	6,000	6.50	.44
1811-16	7/8	1.23	800	3,200	7.38	.45
1811-20	1-1/8	1.50	625	2,500	9.00	.56
1811-24	1-3/8	1.75	500	2,000	10.50	.64
1811-32	1-13/16	2.22	350	1,400	13.25	.90
1811-40	2-3/8	2.87	350	1,400	24.00	1.36

**Recommended for:** High temperature medium pressure hydraulic applications using phosphate ester base hydraulic fluids. Also for water and air. Dimensions and working pressure the same as SAE 100R5.

**Tube:** Black, heat resistant synthetic rubber (EPDM)

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

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

**Temperature:** -40°F to +300°F (air, water or water/glycol solutions)  
-40°F to +180°F (phosphate ester fluids)

# High Temp II 2-Wire Braid Non-Skive



Part Number	Hose ID (inches)	Hose OD (inches)	Rated WP (psi)	Minimum Burst (psi)	Minimum Bend Radius (inches)	Weight Per Foot (lbs)
A807-04	1/4	.59	5,000	20,000	4.00	.25
A807-06	3/8	.75	4,000	16,000	5.00	.32
A807-08	1/2	.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
1807-20	1-1/4	1.9	1,625	6,500	16.50	1.47
1807-24	1-1/2	2.15	1,250	5,000	25.00	1.70
1807-32	2	2.66	1,125	4,500	25.00	2.34

**Recommended for:** 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.

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

**Reinforcement:** Two high tensile steel wire braids.

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

**Temperature:** -40°F to +300°F