

## SAE 100R15 Hydraulic Hose



### Four and Six Wire Spiral Reinforced Hydraulic Hose

- **AT897AA** - Four and six wire braid
- All Alfa Tech 6000 hydraulic hose meets or exceeds the working and burst pressure requirement of SAE 100 R15. Meets flame resistance acceptance designation US MSHA IC - 152/8

#### Construction :

- **Tube** - Synthetic rubber, black.. oil-resistant.
- **Reinforcement** - Four or six layers of spirally wrapped high tensile steel wire reinforcement separated by synthetic rubber cushion on a fabric layer.
- **Cover** - Synthetic rubber, black.. oil-, fuel-, weather-, ozone- and abrasion-resistant.
- **Couplings** - Interlock crimp-on permanent type. For Interlock style, hose cover and portion of tube needs to be removed before attaching couplings.
- **Branding** - ALFAGOMMA ALFATECH 6000 ID..WP 42 MPa BP 168 MPa MSHA IC 152/8 Q/YR.

**Temperature Range :** -40° F (-40° C) to 250° F (121° C) constant operation

- **Maximum Operating Temperature :** 250° F (121° C)
- **Air Maximum Temperature :** 175° F (80° C)

- Operating temperature in excess of 250° F (121° C) may materially reduce the life of the hose.

**Freight :** Hydraulic Hose can be combined with other KOA products for qualifying prepaid freight orders.

Item #	Item Name	I.D.	O.D.	Working Pressure	Min. Bend Radius	Temperature Range
AT850AA-08	Four and Six Wire Spiral Reinforced	1/2 in 12.7 mm	0.97 in 24.6 mm	6000 psi	9.2 in 230 mm	-40 to 250°F -40 to 121°C
AT850AA-16	Four and Six Wire Spiral Reinforced	N/A	N/A	6000 psi	N/A	-40 to 250°F -40 to 121°C
AT897AA-10	Four and Six Wire Spiral Reinforced	5/8 in 15.9 mm	11.14 in 28.6 mm	6000 psi	10 in 250 mm	-40 to 250°F -40 to 121°C
AT897AA-12	Four and Six Wire Spiral Reinforced	3/4 in 19.0 mm	1.27 in 32.2 mm	6000 psi	10.5 in 267 mm	-40 to 250°F -40 to 121°C
AT897AA-16	Four and Six Wire Spiral Reinforced	1 in 25.4 mm	1.52 in 38.7 mm	6000 psi	11 in 280 mm	-40 to 250°F -40 to 121°C
AT897AA-20	Four and Six Wire Spiral Reinforced	1 1/4 in 31.8 mm	1.96 in 49.8 mm	6000 psi	11 in 280 mm	-40 to 250°F -40 to 121°C
AT897AA-24	Four and Six Wire Spiral Reinforced	1 1/2 in 38.1 mm	2.26 in 57.3 mm	6000 psi	12.5 in 315 mm	-40 to 250°F -40 to 121°C
AT897AA-32	Four and Six Wire Spiral Reinforced	2 in 50.8 mm	2.84 in 72.0 mm	6000 psi	16.35 in 415 mm	-40 to 250°F -40 to 121°C
AT897ST-10	Four and Six Wire Spiral Reinforced with SuperTuff Cover	5/8 in 15.9 mm	11.14 in 28.6 mm	6000 psi	10 in 250 mm	-40 to 250°F -40 to 121°C
AT897ST-12	Four and Six Wire Spiral Reinforced with SuperTuff Cover	3/4 in 19.0 mm	1.27 in 32.2 mm	6000 psi	10.5 in 267 mm	-40 to 250°F -40 to 121°C
AT897ST-16	Four and Six Wire Spiral Reinforced with SuperTuff Cover	1 in 25.4 mm	1.52 in 38.7 mm	6000 psi	11 in 280 mm	-40 to 250°F -40 to 121°C

## SAE 100R16 Hydraulic Hose



### Double Compact Wire Braid Hydraulic Hose on Easy-to-handle Reels

- T822AA - Double wire braid
- Meets or exceeds EN 857 2SC and exceeds SAE 100 R16

#### Construction :

- **Tube** - Synthetic rubber, black.
- **Reinforcement** - Two high tensile steel wire braids, separated by a layer of synthetic rubber.
- **Cover** - Synthetic rubber, black.. weather-, oil-, fuel-, ozone- and abrasion-resistant.
- **Couplings** - Crimp-on permanent type.
- **Branding** - ALFAGOMMA FLEXOPAK 2 ID..WP.. MPa (..PSI) - EXCEEDS SAE 100 R16 - EN 857 2SC ..DN ..Q/YR

**Temperature Range :** -40° F (-40° C) to 212° F (100° C) constant operation

- **Maximum Operating Temperature :** 257° F (125° C)
- **Air Maximum Temperature :** 160° F (70° C)

- Operating temperature in excess of 212° F (100° C) may materially reduce the life of the hose.

**Freight :** Hydraulic Hose can be combined with other KOA products for qualifying prepaid freight orders.

Item #	Item Name	I.D.	O.D.	Working Pressure	Min. Bend Radius	Temperature Range
T822AA-04	Double Compact Wire Braid	1/4 in 6.4 mm	0.53 in 13.4 mm	5850 psi	2 in 51 mm	-40 to 212°F -40 to 100°C
T822AA-06	Double Compact Wire Braid	3/8 in 9.5 mm	0.690 in 17.4 mm	5000 psi	2.5 in 64 mm	-40 to 212°F -40 to 100°C
T822AA-08	Double Compact Wire Braid	1/2 in 12.7 mm	0.81 in 20.6 mm	4500 psi	3.5 in 90 mm	-40 to 212°F -40 to 100°C
T822AA-10	Double Compact Wire Braid	5/8 in 15.9 mm	0.93 in 23.7 mm	4000 psi	4 in 101 mm	-40 to 212°F -40 to 100°C
T822AA-12	Double Compact Wire Braid	3/4 in 19.0 mm	1.09 in 27.7 mm	3500 psi	4.7 in 121 mm	-40 to 212°F -40 to 100°C
T822AA-16	Double Compact Wire Braid	1 in 25.4 mm	1.41 in 35.6 mm	2700 psi	6 in 152 mm	-40 to 212°F -40 to 100°C
T822ST-04	Double Compact Wire Braid with SuperTuff Cover	1/4 in 6.4 mm	0.53 in 13.4 mm	5850 psi	2 in 51 mm	-40 to 212°F -40 to 100°C
T822ST-06	Double Compact Wire Braid with SuperTuff Cover	3/8 in 9.5 mm	0.690 in 17.4 mm	5000 psi	2.5 in 64 mm	-40 to 212°F -40 to 100°C
T822ST-08	Double Compact Wire Braid with SuperTuff Cover	1/2 in 12.7 mm	0.81 in 20.6 mm	4500 psi	3.5 in 90 mm	-40 to 212°F -40 to 100°C
T822ST-10	Double Compact Wire Braid with SuperTuff Cover	5/8 in 15.9 mm	0.93 in 23.7 mm	4000 psi	4 in 101 mm	-40 to 212°F -40 to 100°C
T822ST-12	Double Compact Wire Braid with SuperTuff Cover	3/4 in 19.0 mm	1.09 in 27.7 mm	3500 psi	4.7 in 121 mm	-40 to 212°F -40 to 100°C
T822ST-16	Double Compact Wire Braid with SuperTuff Cover	1 in 25.4 mm	1.41 in 35.6 mm	2700 psi	6 in 152 mm	-40 to 212°F -40 to 100°C