

SAE 100R3 Hydraulic Hose



Textile-reinforced hydraulic hose with two braids

- T870AA - Two High Tensile Textile Braids

Construction :

- **Tube** - Synthetic rubber, black... oil-resistant.
- **Reinforcement** - Two High Tensile Textile Braid (2B).
- **Cover** - Synthetic rubber, black... hydrocarbon, ozone and abrasion-resistant.
- **Couplings** - Crimp-on permanent type.
- **Branding** - ALFAGOMMA FLEXOR 3 ID... -WP... MPa (... PSI) - SAE 100R3-EN854 R3 -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 temperatures 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 #	I.D.	O.D.	Working Pressure	Min. Bend Radius	Temperature Range
T870AA-04	1/4 in 6.0 mm	0.56 in 14.3 mm	1250 psi	3 in 76 mm	-40 to 212 °F -40 to 100 °C
T870AA-05	5/16 in 8.0 mm	0.690 in 17.5 mm	1200 psi	4.1 in 102 mm	-40 to 212 °F -40 to 100 °C
T870AA-06	3/8 in 10.0 mm	3/4 in 19.1 mm	1125 psi	4.1 in 102 mm	-40 to 212 °F -40 to 100 °C
T870AA-08	1/2 in 13 mm	0.94 in 23.8 mm	1000 psi	5.1 in 127 mm	-40 to 212 °F -40 to 100 °C
T870AA-10	5/8 in 16.0 mm	1.06 in 27 mm	875 psi	5.6 in 140 mm	-40 to 212 °F -40 to 100 °C
T870AA-12	3/4 in 19.0 mm	1 1/4 in 31.8 mm	750 psi	6.1 in 152 mm	-40 to 212 °F -40 to 100 °C
T870AA-16	1 in 25 mm	1 1/2 in 38.1 mm	565 psi	8.1 in 203 mm	-40 to 212 °F -40 to 100 °C
T870AA-20	1 1/4 in 32 mm	1.77 in 45.0 mm	377 psi	10.2 in 254 mm	-40 to 212 °F -40 to 100 °C

SAE 100R4 Hydraulic Hose



Textile-reinforced hydraulic hose with four steel helix wires

- T604AA - Textile-reinforced with four steel helix wires

Construction :

- **Tube** - Synthetic rubber, black... oil-resistant.
- **Reinforcement** - Textile reinforced with four spiral wire helix to prevent collapsing.
- **Cover** - Synthetic rubber, black... oil-, fuel, weather, ozone and abrasion-resistant.
- **Couplings** - Crimp-on permanent type.
- **Branding** - ALFAGOMMA - Italy - T604 10 Bar (150 PSI) Petroleum S+D - SAE 100 R4
- Hose cover does not need to be removed before attaching couplings.

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

- **Maximum Operating Temperature :** 257° F (125° C).
- **Air Maximum Temperature :** 175° F (80° C).
- Operating temperatures 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 #	I.D.	O.D.	Working Pressure	Min. Bend Radius	Temperature Range
T604AA-075	3/4 in 19.0 mm	1.14 in 29 mm	300 psi	5 in 130 mm	-40 to 212 °F -40 to 100 °C
T604AA-100	1 in 25.4 mm	1.38 in 35 mm	250 psi	6 in 150 mm	-40 to 212 °F -40 to 100 °C
T604AA-125	1 1/4 in 31.8 mm	1.65 in 42 mm	200 psi	8 in 200 mm	-40 to 212 °F -40 to 100 °C
T604AA-150	1 1/2 in 38.1 mm	1.93 in 49.0 mm	150 psi	10 in 250 mm	-40 to 212 °F -40 to 100 °C
T604AA-200	2 in 50.8 mm	2.44 in 62.0 mm	100 psi	12 in 300 mm	-40 to 212 °F -40 to 100 °C