

SAE 100R5 Hydraulic Hose



One-wire braid hydraulic hose

- T805AA - One-wire braid-reinforced Meets or exceeds SAE 100 R5

Construction :

- **Tube** - Oil-resistant synthetic rubber.
- **Reinforcement** - One high tensile steel braid.
- **Cover** - Polyester textile braid.
- **Couplings** - Screw-type reusable non-skive type.
- **Branding** - ALFAGOMMA FLEXOR 5 ID WP MPa (PSI) SAE 100 R5 (Sizes -04 through -12 are DOT Type All approved and branded.)
- 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 :** 160° F (70° C).

- Operating temperatures in excess of 212° F (100° C) may materially reduce the life of the hose.
- 3/16" through 1" ID hoses supplied on reels.

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
T805AA-04	3/16 in 4.8 mm	0.52 in 13.2 mm	3000 psi	3.04 in 76 mm	-40 to 212 °F -40 to 100 °C
T805AA-05	1/4 in 6.4 mm	0.58 in 14.8 mm	3000 psi	3.44 in 86 mm	-40 to 212 °F -40 to 100 °C
T805AA-06	5/16 in 7.9 mm	0.68 in 17.3 mm	2250 psi	4.06 in 102 mm	-40 to 212 °F -40 to 100 °C
T805AA-08	13/32 in 10.3 mm	0.77 in 19.5 mm	2000 psi	4.68 in 117 mm	-40 to 212 °F -40 to 100 °C
T805AA-10	1/2 in 12.7 mm	0.92 in 23.4 mm	1750 psi	5.6 in 140 mm	-40 to 212 °F -40 to 100 °C
T805AA-12	5/8 in 15.9 mm	1.08 in 27.4 mm	1500 psi	6.60 in 165 mm	-40 to 212 °F -40 to 100 °C
T805AA-16	7/8 in 22.2 mm	1.24 in 31.4 mm	800 psi	7.48 in 187 mm	-40 to 212 °F -40 to 100 °C
T805AA-20	1 1/8 in 28.6 mm	1 1/2 in 38.1 mm	625 psi	9.16 in 229 mm	-40 to 212 °F -40 to 100 °C
T805AA-24	1 3/8 in 34.9 mm	1 3/4 in 44.5 mm	500 psi	10.68 in 267 mm	-40 to 212 °F -40 to 100 °C
T805AA-32	1 52/64 in 46.0 mm	2.22 in 56.4 mm	350 psi	13.48 in 337 mm	-40 to 212 °F -40 to 100 °C

SAE 100R6 Hydraulic Hose



Textile-reinforced hydraulic hose with one braid

- T806AA - One High Tensile Textile Braid

Construction :

- **Tube** - Synthetic rubber, black oil-resistant.
- **Reinforcement** - One High Tensile Textile Braid.
- **Cover** - Synthetic rubber, black hydrocarbon, ozone and abrasion-resistant.
- **Couplings** - Crimp-on permanent type.
- **Branding** - ALFAGOMMA FLEXOR 6 ID... -WP... MPa (... PSI) - SAE 100R6-EN854 R6 -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
T806AA-04	1/4 in 6.0 mm	0.05 in 12.7 mm	400 psi	2.6 in 64 mm	-40 to 212 °F -40 to 100 °C
T806AA-05	5/16 in 8.0 mm	0.56 in 14.3 mm	400 psi	3 in 76 mm	-40 to 212 °F -40 to 100 °C
T806AA-06	3/8 in 10.0 mm	.630 in 15.9 mm	400 psi	3 in 76 mm	-40 to 212 °F -40 to 100 °C
T806AA-08	1/2 in 13 mm	0.78 in 19.8 mm	400 psi	4.1 in 102 mm	-40 to 212 °F -40 to 100 °C
T806AA-10	5/8 in 16.0 mm	0.91 in 23 mm	350 psi	4.3 in 107 mm	-40 to 212 °F -40 to 100 °C
T806AA-12	3/4 in 19.0 mm	1.06 in 26.9 mm	300 psi	6.1 in 152 mm	-40 to 212 °F -40 to 100 °C
T806AA-16	1 in 25 mm	1.31 in 33.4 mm	250 psi	8.1 in 203 mm	-40 to 212 °F -40 to 100 °C