

SAE 100R12 Hydraulic Hose



Four Layer Wire Spiral Reinforced hydraulic Hose

- T898AB - Four wire spiral
- Meets or exceeds SAE 100 R12 - EN 856 R12
- Meets flame resistance acceptance designation US MSHA IC-152/2

Construction :

- **Tube** - Synthetic rubber, black.. oil-resistant.
- **Reinforcement** - Four layers of spirally wrapped high tensile steel wire, separated by synthetic rubber over fabric layer.
- **Cover** - Synthetic rubber, grey non-marking.. weather-, oil-, fuel-, ozone- and abrasion-resistant.
- **Couplings** - Crimp-on permanent type. Non-skive up Size 20.
- **Branding** - ALFAGOMMA FLEXOR 12 ID..WP.. MPa (..PSI) - SAE 100R12 - EN 856 R12 DN ... MSHA IC-152/2 - Q/YR

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

- **Maximum Operating Temperature** : 257° F (125° C)
- Operating temperature in excess of 257° F (125° 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
T898AB-06	3/8 in 9.5 mm	0.80 in 20.3 mm	4000 psi	5 in 127 mm	-40 to 250°F -40 to 121°C
T898AB-08	1/2 in 12.7 mm	0.94 in 23.8 mm	4000 psi	7 in 178 mm	-40 to 250°F -40 to 121°C
T898AB-10	N/A	N/A	N/A	N/A	-40 to 250°F -40 to 121°C
T898AB-12	3/4 in 19.0 mm	1.21 in 30.7 mm	4000 psi	9.5 in 241 mm	-40 to 250°F -40 to 121°C
T898AB-16	1 in 25.4 mm	1 1/2 in 38 mm	4000 psi	12 in 305 mm	-40 to 250°F -40 to 121°C
T898AB-20	1 1/4 in 31.8 mm	1.85 in 47.0 mm	3000 psi	16.5 in 419 mm	-40 to 250°F -40 to 121°C
T898AB-24	1 1/2 in 38.1 mm	2.10 in 53.5 mm	2500 psi	20 in 508 mm	-40 to 250°F -40 to 121°C
T898AB-32	2 in 50.8 mm	2.62 in 66.7 mm	2500 psi	25 in 635 mm	-40 to 250°F -40 to 121°C

SAE 100R13 Hydraulic Hose



Four or Six Layer Wire Spiral Reinforced Hydraulic Hose

- T809AH - Four or six wire spiral
- Meets or exceeds SAE 100 R13 - EN 856 R13 and ISO 3862
- Meets flame resistance acceptance designation US MSHA IC-152/3

Construction :

- **Tube** - Synthetic rubber, black.. oil-resistant.
- **Reinforcement** - Four or six layers of spirally wrapped, high tensile steel wire reinforcement, separated by synthetic rubber over a fabric layer.
- **Cover** - Synthetic rubber, red.. oil-, fuel-, weather-, ozone and abrasion-resistant.
- **Couplings** - Interlock crimp-on permanent type or C126 series non-skive.

- For Interlock style, hose cover and portion of tube needs to be removed before attaching couplings.
- **Branding** - ALFAGOMMA FLEXOR 13 ID ... WP 35 MPa (5000 PSI) - SAE 100R13 - EN 8 56 R13 DN ... MSHA IC-152/3 - Q/YR.

Temperature Range : -40° F (-40° C) to 250° F (120° C) constant operation

- **Maximum Operating Temperature** : 257° F (125° 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 #	I.D.	O.D.	Working Pressure	Min. Bend Radius	Temperature Range
T809AH-12	3/4 in 19.0 mm	1.26 in 32.1 mm	5000 psi	9.5 in 240 mm	-40 to 250°F -40 to 120°C
T809AH-16	1 in 25.4 mm	1.52 in 38.7 mm	5000 psi	12 in 305 mm	-40 to 250°F -40 to 120°C
T809AH-20	1 1/4 in 31.8 mm	1.96 in 49.8 mm	5000 psi	16.5 in 420 mm	-40 to 250°F -40 to 120°C
T809AH-24	1 1/2 in 38.1 mm	2.26 in 57.3 mm	5000 psi	20 in 510 mm	-40 to 250°F -40 to 120°C
T809AH-32	2 in 50.8 mm	2.79 in 70.9 mm	5000 psi	25 in 635 mm	-40 to 250°F -40 to 120°C