

### Temp Tech SAE 100R2AT Hydraulic Hose



#### Double Wire Braid High Temperature Hydraulic Hose (up to 300°F)

- T828AE- Double wire braid
- Meets or exceeds the requirement of SAE J517 100R2 Type AT - EN 853 2SN

#### Construction :

- **Tube** - Black tube, specifically compounded for temperature and chemical resistance, oil-resistant.
- **Reinforcement** - Two high tensile steel wire braids.
- **Cover** - Synthetic rubber, blue.. weather-, oil-, fuel-, ozone- and abrasion-resistant.
- **Couplings** - Standard fittings and AlfaCrimp.
- **Branding** - ALFAGOMMA TEMP TECH 2AT/2SN ID.. WP..MPa (..PSI) - SAE 100R2AT - EN 853 2SN DN ... Q/YR

**Temperature Range :** -40° F (-40° C) to 300° F (150° C) constant operation

- **Maximum Operating Temperature :** 300° F (150° C)
  - **Air Maximum Temperature :** 250° F (121° C)
  - Operating temperature in excess of 300° F (150° C) may materially reduce the life of the hose.
  - 1/4" 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
T828AE-04	1/4 in 6.4 mm	0.59 in 15 mm	5800 psi	4 in 100 mm	-40 to 300°F -40 to 150°C
T828AE-06	3/8 in 9.5 mm	3/4 in 19.1 mm	4800 psi	5 in 125 mm	-40 to 300°F -40 to 150°C
T828AE-08	1/2 in 12.7 mm	0.87 in 22.2 mm	4000 psi	7 in 175 mm	-40 to 300°F -40 to 150°C
T828AE-10	5/8 in 15.9 mm	1 in 25.4 mm	3630 psi	8 in 200 mm	-40 to 300°F -40 to 150°C
T828AE-12	3/4 in 19.0 mm	1.15 in 29.3 mm	3120 psi	9.6 in 240 mm	-40 to 300°F -40 to 150°C
T828AE-16	1 in 25.4 mm	1 1/2 in 38.1 mm	2400 psi	12 in 300 mm	-40 to 300°F -40 to 150°C
T828AE-20	1 1/4 in 31.8 mm	1.90 in 48.3 mm	1820 psi	16.8 in 420 mm	-40 to 300°F -40 to 150°C
T828AE-24	1 1/2 in 38.1 mm	2.15 in 54.6 mm	1310 psi	20 in 500 mm	-40 to 300°F -40 to 150°C
T828AE-32	2 in 50.8 mm	2.65 in 67.4 mm	1160 psi	25.2 in 630 mm	-40 to 300°F -40 to 150°C

### 4SH Hydraulic Hose



#### Four Layer Wire Spiral Reinforced Hydraulic Hose

- T855AA - Four wire spiral
- Meets or exceeds EN 856 4SH and ISO 3862
- Meets flame resistance acceptance designation US MSHA IC-152/8

#### Construction :

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

- **Branding** - ALFAGOMMA FLEXOR 4SH ID ... WP ... MPa (...PSI) - EN 856 4SH DN ...MSHA IC 152/8 - 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 :** 175° F (80° 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 #	I.D.	O.D.	Working Pressure	Min. Bend Radius	Temperature Range
T855AA-12	3/4 in 19.0 mm	1.27 in 32.2 mm	6000 psi	11 in 280 mm	-40 to 212°F -40 to 100°C
T855AA-16	1 in 25.4 mm	1.52 in 38.7 mm	5500 psi	13.5 in 340 mm	-40 to 212°F -40 to 100°C
T855AA-20	1 1/4 in 31.8 mm	1.79 in 45.5 mm	4700 psi	18 in 460 mm	-40 to 212°F -40 to 100°C
T855AA-24	1 1/2 in 38.1 mm	2.11 in 53.5 mm	4200 psi	22 in 560 mm	-40 to 212°F -40 to 100°C
T855AA-32	2 in 50.8 mm	2.68 in 68.1 mm	3650 psi	27.5 in 700 mm	-40 to 212°F -40 to 100°C