

## Single and double compact wire braid hydraulic hose with SUPERTUFF cover – AT3KST



### AT3KST – Single or double wire braid

Meets or exceeds SAE 100 R17

Meets or exceeds EN 857 1SC (Sizes -04 and -06)

Meets flame resistance acceptance designation US MSHA IC-152/8.

### General Applications:

Medium pressure service with petroleum-based hydraulic fluids, hot oil, grease, lubricants and crude oils, air and water. For air or gas application above 250 PSI (1.7 Mpa) the cover should be pin-pricked.

### Construction:

**Tube** – Synthetic rubber, black.

**Reinforcement** – One or two layer high tensile steel wire braid.

**Cover** – Synthetic rubber, black... weather, oil, fuel, ozone and abrasion-resistant.

### Service 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)

*Note: Operating temperatures in excess of 212°F (100°C) may materially reduce the life of the hose.*

### Branding:

ALFAGOMMA AT3K SUPERTUFF ID ...WP ... MPa (...PSI) – SAE 100R17 – DN ... MSHA IC-152/8 - Q/YR

*Note: Sizes -04 and -06 include “EN 857 1SC” on layline.*

## Nominal Specifications

Series Number	Size Code	ID		OD		Max Working† Pressure (psi)	Min. Bend. Radius		Weight (lbs/ft)	Coupling Recommendations	
		(in)	(mm)	(in)	(mm)		(in)	(mm)		AlfaCrimp One-Piece	Two-Piece
											Ferrule Non-Skive
AT3KST	04	1/4	6.4	0.47	2.0	3250	1.9	48.3	0.12	B	AF1
AT3KST	06	3/8	9.5	0.61	15.4	3000	2.5	63.5	0.18	B	AF1
AT3KST	08	1/2	12.7	0.76	19.2	3000	3.5	88.9	0.25	B	AF1
AT3KST①	12	3/4	19.1	1.09	27.6	3500	4.7	119.4	0.53	B	AF1
AT3KST①	16	1	25.4	1.40	35.5	3000	6.0	152.4	0.86	B	AF1

† Minimum burst pressure 4-to-1 safety factor.

① Double steel wire braid . . . all others are single wire braid.

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

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.