

# AT3KMT - 1SC/R17 ALFATECH MINETUFF



## One and two wire braid reinforced hydraulic hose with MINETUFF Cover – AT3KMT

### AT3KMT – One and two wire braid

Meets or exceeds the working and burst pressure requirements of SAE 100 R17 –

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

MSHA IC-152/16 approved flame resistance

1 wire braid up thru 1/2"

2 wire braid all sizes over 1/2"



### General Applications:

Medium pressure service with petroleum based hydraulic fluids such as hot oil, grease, lubricants, and crude oils, air and water.

Developed to withstand punishing conditions and to meet increasing pressure pulsing, flexing and temperature demands not currently covered by International specifications.

Features extraordinary flexibility, excellent bend radii properties, superior performance under flex-impulse conditions, and exceptional long life. Tested over 1,000,000 impulse cycles at 120% of rated working pressure.

### Construction:

**Tube** – Synthetic rubber, black... oil-resistant.

**Reinforcement** – One or two layers of high tensile steel wire braid reinforcement.

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

### Service Temperature Range:

-40°F (-40°C) to +212°F (+100°C) constant operation.

### Maximum operating temperature:

+250°F (+121°C)

### Air maximum temperature: +175°F (+80°C)

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

### Branding:

ALFAGOMMA AT3K MINETUFF ID...WP

MPa... MPa... SAE 100R17 - DN... MSHA IC-152/16 - Q/YR

## 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		
AT3KMT	04	1/4	6.4	0.47	2.0	3250	1.9	48.3	0.12	B		AF1	
AT3KMT	06	3/8	9.5	0.61	15.4	3120	2.5	63.5	0.18	B		AF1	
AT3KMT	08	1/2	12.7	0.76	19.2	3000	3.5	88.9	0.25	B		AF1	
AT3KMT①	10	5/8	15.9	0.91	23.2	4000	4.0	101.6	0.41	B		AF1	
AT3KMT①	12	3/4	19.1	1.09	27.6	3500	4.7	119.4	0.53	B		AF1	AF2
AT3KMT①	16	1	25.4	1.40	35.5	3000	6.0	152.4	0.86	B	D	AF1	AF2

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

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

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

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

HOSES  
ONE-PIECE B SERIES  
ONE-PIECE D SERIES  
ONE-PIECE F & P SERIES  
TWO-PIECE FERRULES (A & PFR SERIES)  
TWO-PIECE INSERTS (A SERIES)  
TWO-PIECE INTERLOCK FERRULES & INSERTS (X & Z SERIES)  
QUICK RELEASE  
ASSEMBLY EQUIPMENT  
TECHNICAL INFORMATION