

# ABT6K - MINETUFF 6000 PSI

THE MINETUFF ABT6K IS A HIGH TENSILE STEEL SPIRAL WIRE REINFORCED HYDRAULIC HOSE RATED TO 6000 PSI WORKING PRESSURE. THIS PRODUCT WAS DEVELOPED TO WITHSTAND VERY DEMANDING CONDITIONS AND EXHIBIT VERY HIGH PERFORMANCE IN PRESSURE, PULSING AND FLEXING APPLICATIONS.



## Construction:

**Tube** – Oil resistant synthetic rubber and biodegradable hydraulic fluids.

**Reinforcement** – Four/six high tensile steel spirals (4S/6S).

**Cover** – Abrasion, ozone and hydrocarbon resistant synthetic rubber.

**Branding** – ALFAGOMMA ALFABIOTECH 6K MINETUFF ... WP 45 MPa (6550 PSI) - ISO 18752/CC- MSHA IC-152/16 - MADE IN ITALY

**Temperature** – -40 °C +121 °C (-40 °F +250 °F)

## ABT6K - 4 or 6 wire spiral

Exceeds EN856 4SP sizes 1/4", 3/8" and 1/2"

Exceeds EN856 4SH sizes 3/4" and 1"

Exceeds SAE 100R15 sizes 1", 1 1/4" and 1 1/2"

ISO 18752/CC all sizes

Meets flame resistance acceptance designation US MSHA IC-152/16

Series Number	Size Code	Nominal ID		Nominal OD		Max Working† Pressure (psi)	Min. Bend. Radius		Approx. Weight (lbs./ft.)	Coupling Recommendations		
		(in.)	(mm)	(in.)	(mm)		(in.)	(mm)		AlfaCrimp One-Piece	Two-Piece Couplings	
											Ferrule Non-Skive	Ferrule Interlock
ABT6K	4	1/4	6.4	0.68	17.3	6,525	2.4	60	0.32		AS4	
ABT6K	6	3/8	9.5	0.79	20.1	6,450	3.0	75	0.37		AF4	
ABT6K	8	1/2	12.7	0.91	23.0	6,000	3.5	90	0.50		AF4	
ABT6K	10	5/8	15.9	1.24	31.4	6,000	7.1	180	0.81			XF1
ABT6K	12	3/4	19.0	1.23	31.2	6,000	8.3	210	0.99	F		XF2
ABT6K	16	1	25.4	1.50	38.2	6,000	9.8	250	1.35	F		XF2
ABT6K	20	1 1/4	31.8	1.94	49.3	6,000	17.5	445	2.33	F		XF1
ABT6K	24	1 1/2	38.1	2.22	56.5	6,000	22.0	560	3.01			XF1

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

HIGH PRESSURE