

# ABT5K - MINETUFF 5000 PSI

THE MINETUFF ABT5K IS A HIGH TENSILE STEEL SPIRAL WIRE REINFORCED HYDRAULIC HOSE RATED TO 5000 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 5K MINETUFF ... WP 35 MPa (5000 PSI) - ISO 18752/CC - MSHA IC-152/16 - MADE IN ITALY

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

## ABT5K - 4 or 6 wire spiral

Exceeds EN856 4SP sizes 5/8", 3/4" and 1"

Exceeds EN856 4SH sizes 1 1/4"

Exceeds SAE 100R13 sizes 1 1/2" and 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 Skive	Ferrule Interlock
ABT5K	12	3/4	19.0	1.22	31.0	5,000	5.9	150	0.83	F	AS4	XF2
ABT5K	16	1	25.4	1.48	37.6	5,000	7.1	180	1.13	F	AS2 AS4	XF2
ABT5K	20	1 1/4	31.8	1.75	44.4	5,000	11.0	480	1.52	F M		XF2
ABT5K	24	1 1/2	38.1	2.22	56.5	5,000	19.7	500	3.01	F		XF1
ABT5K	32	2	50.8	2.76	70.2	5,000	21.5	550	4.20		M	XF1
ABT5K	40	2 1/2	63.0	3.26	82.8	5,000	32.3	820	5.08			
ABT5K	48	3	76.0	3.76	95.6	5,000*	35.4	900	5.33			

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

HIGH PRESSURE