

# ABT4K - MINETUFF 4000 PSI

THE 4-WIRE SPIRAL REINFORCED ABT4K IS DEVELOPED TO WITHSTAND VERY DEMANDING CONDITIONS AND EXHIBIT A VERY HIGH PERFORMANCE IN PRESSURE, PULSING AND FLEXING APPLICATIONS.



Exceeds SAE 100R12 sizes 3/4" and 1"  
 Exceeds EN856 4SH sizes 1 1/2" and 2"  
 ISO 18752/CC 1,000,000+ impulse cycles all sizes  
 Meets flame resistance acceptance designation US MSHA IC-152/16

### Construction:

**Tube** – Oil resistant synthetic rubber and biodegradable hydraulic fluids.  
**Reinforcement** – Four high tensile steel spirals.  
**Cover** – Abrasion, ozone and hydrocarbon resistant synthetic rubber.

**Service Temperature Range:**  
 -40°F (-40°C) to +250°F (+121°C)

### Branding:

ALFAGOMMA ALFABIOTECH 4K MINETUFF ...  
 WP 28 MPa (4000 PSI) - ISO 18752/CC - MSHA IC-152/16 - MADE IN ITALY

## Nominal Specifications

Series Number	Size Code	ID		OD		Max Working <sup>†</sup> Pressure (psi)	Min. Bend. Radius		Weight (lbs/ft)	Coupling Recommendations		
		(in)	(mm)	(in)	(mm)		(in)	(mm)		AlfaCrimp One-Piece	Two-Piece	
											Ferrule Non-Skive	Ferrule Skive & Interlock
ABT4K	06	3/8	9.5	0.79	20.1	4000	2.9	73.7	0.42	D	AF4	
ABT4K	08	1/2	12.7	0.91	23.1	4000	3.5	88.9	0.51	D	AF4	
ABT4K	10	5/8	15.9	1.04	26.4	4000	4.6	116.8	0.63	D	AF4	
ABT4K	12	3/4	19.1	1.16	29.5	4000	4.7	119.4	0.83	D	AF4	AS4
ABT4K	16	1	25.4	1.48	37.6	4000	5.9	149.9	1.11	D	AF4	AS4
ABT4K	20	1 1/4	31.8	1.80	45.7	4000	10.2	259.1	1.53	D	AF4	AS4
ABT4K	24	1 1/2	38.1	2.04	51.8	4200	16.5	419.1	1.99			XF2
ABT4K	32	2	50.8	2.63	66.8	4000	20.8	528.3	3.01	F		XF2

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

STANDARD PRESSURE