

## Alfabiotech 4000 MINETUFF - ABT4K Hydraulic Hose



### ABT4K - 4 wire spiral

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

### General Applications:

Developed to withstand very demanding conditions very high performance in pressure, pulsing and flexing.

### 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

### Length:

Random up to 1" - 200 feet from 1 1/4" to 2"

## 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	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.

**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.