

ABT5K - Alfabiotech 5000 MINETUFF



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

Alfabiotech 5000 MINETUFF - ABT5K Hydraulic Hose

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 5/8" through 2"

ISO 18752/CC 1,000,000+ impulse cycles all sizes

MSHA IC-152/16 approved flame resistance



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/six 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 5K MINETUFF ... WP 35 MPa (5000 PSI) - ISO 18752/CC - MSHA IC-152/16 - MADE IN ITALY

Length:

Random up to 1" - 200 feet from 1 1/4" to 1 1/2" - 100 feet from 2" to 2 1/2"

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 Skive	Ferrule Interlock		
ABT5K	10	5/8	15.9	1.04	26.3	5000	5.5	139.7	0.63		AS4		
ABT5K	12	3/4	19.1	1.22	31.0	5000	5.9	149.9	0.83	F	AS4	XF2	
ABT5K	16	1	25.4	1.48	37.6	5000	7.0	177.8	1.13	D	F	AS4	XF2
ABT5K	20	1 1/4	31.8	1.80	45.8	5000	11.0	279.4	1.70		F		XF2
ABT5K	24	1 1/2	38.1	2.22	56.5	5000	19.6	497.8	3.02		F		XF1
ABT5K	32	2	50.8	2.76	70.2	5000	21.6	548.6	4.14		F		XF1
ABT5K	40	2 1/2	63.5	3.26	82.8	5000	32.3	820.4	5.08				ZF1

† 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.



TECHNICAL INFORMATION