

ABT3K - Alfabiotech 3000 MINETUFF



Alfabiotech 3000 MINETUFF - ABT3K Hydraulic Hose

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

TECHNICAL INFORMATION

ABT3K - 4 or 6 wire spiral

Exceeds SAE 100R12 all sizes
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 3K MINETUFF ... WP 21 MPa (3000 PSI) - ISO 18752/CC
- exceeds SAE 100 R12 - MSHA IC-152/16 - MADE IN ITALY

-48 Branding: Alfagomma Alfabiotech 3K 3000 PSI Hydraulic Service - 5000 PSI Slim Hole Rotary Service - MSHA IC-152/16

Length:

200 feet from 1 1/4" to 1 1/2" - 100 feet for 2" and 3"

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	
ABT3K	20	1 1/4	31.8	1.80	47.5	3000	9.0	228.6	1.52	D	AF4	AS4
ABT3K	24	1 1/2	38.1	2.04	51.8	3000	16.5	419.1	1.86	D	AF4	AS4
ABT3K	32	2	50.8	2.63	66.8	3000	22.0	558.8	2.69	D		AS4
ABT3K	48	3	76.2	3.76	95.6	3000*	35.4	899.2	5.35			ZF1

*Note: Slim Hole Rotary Hose Working Pressure 5000 psi, Hydraulic Service 3000 psi.
Minimum burst pressure 4-to-1 hydraulic service, 2.5-to-1 slim hole rotary.

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.

