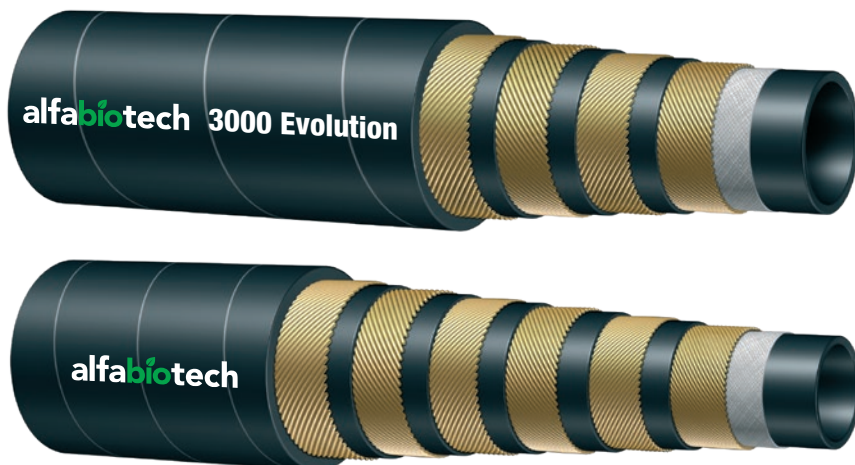


Alfabiotech Evolution 3000 MINETUFF - E3K Hydraulic Hose



E3K - 4 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 EVOLUTION 3K MINETUFF ... WP 21 MPa (3000 PSI) - ISO 18752/CC - exceeds SAE 100 R12 - MSHA IC-152/16 - MADE IN ITALY

Length:

200 feet from 1 1/4" to 1 1/2" - 100 feet for 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	
E3K	20	1 1/4	31.8	1.77	44.9	3000	8.27	210	1.27	S	B	AS4
E3K	24	1 1/2	38.1	1.99	50.6	3000	9.84	250	1.59	S	B	AS4
E3K	32	2	50.8	2.55	64.7	3000	12.52	318	2.38	S	B	AS4

† 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.

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Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing including connections, couplings, clamps, conductivity and bonding should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Seller shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any Products sold or distributed by it.

Purchasers or users of the Products should frequently and consistently undertake inspections and protective measures with respect to the use and application of Products, which should include the examination of tube and cover, conditions of the hose or tubing, and the identification, repair or replacement of sections showing cracking, blistering, separations, internal and external abrasions, leaking or slipped couplings or connections and make proper proof tests.

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