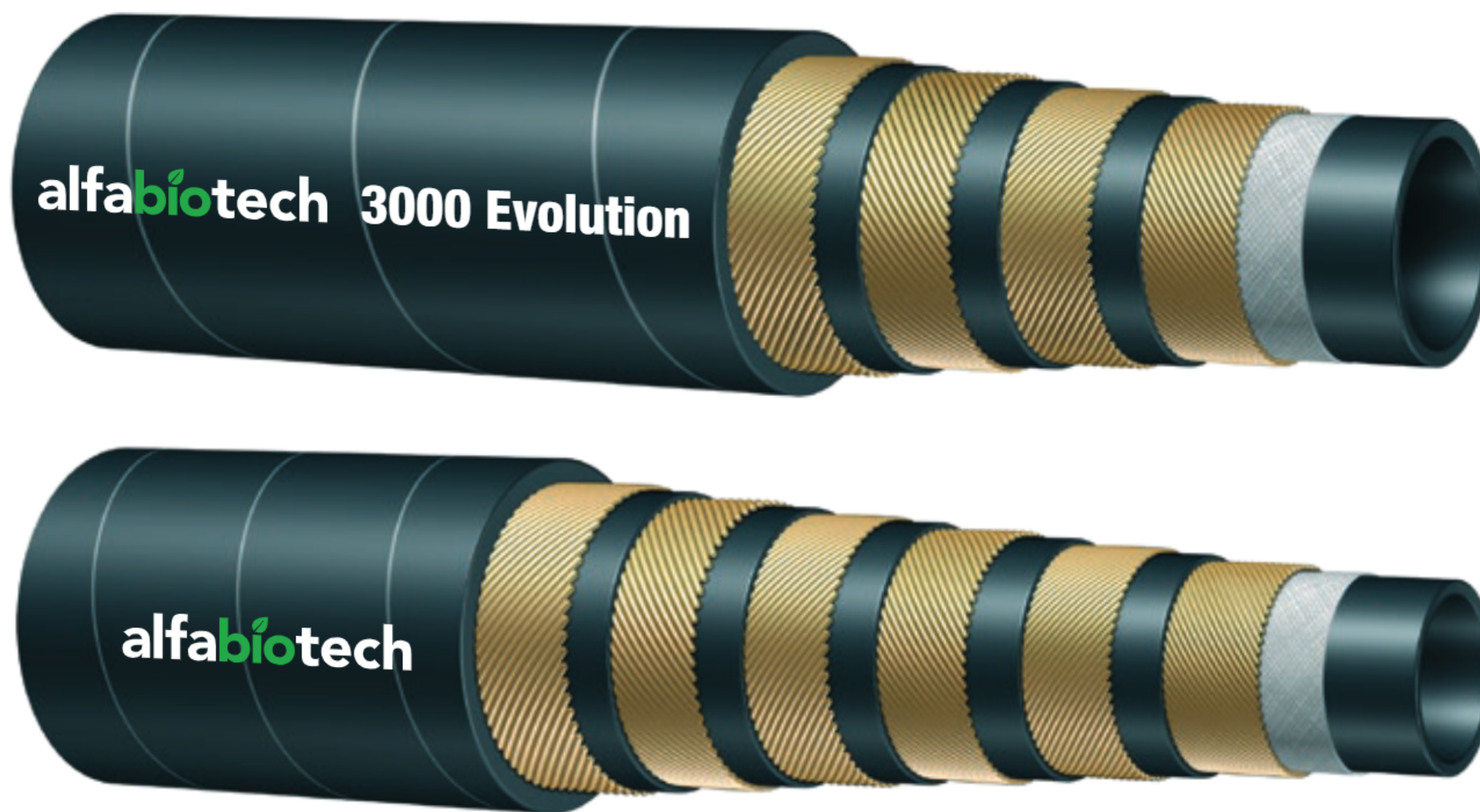


## Alfabiotech Evolution 3000 MINETUFF - E3K Hydraulic Hose



### 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 <sup>†</sup> 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

<sup>†</sup> 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.