

## alfabiotech EVOLUTION E4K Series

**NEW**

### 4000 PSI Minetuff Hydraulic Hose



Smooth cover for sizes 06-16



Wrapped cover for sizes 20-32

#### 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:** Smooth up to 1", Wrapped over 1", abrasion, ozone and hydrocarbon resistant synthetic rubber

#### SERVICE TEMPERATURE RANGE

-40°F (-40°C) to +250°F (+121°C)





#### BRANDING

ALFAGOMMA ALFABIOTECH EVOLUTION 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"

#### COMPLIANCE DETAILS

Compliances	Size
 EN856 4SP	1 1/2" and 2"
 SAE 100R12	3/4" and 1"
 ISO 18752/CC 1,000,000+ impulse cycles	All sizes
 MSHA IC-152/16 approved flame resistance	All sizes

View Up To Date Info



← SCAN OR VISIT  
[KOA.link/  
E4K](https://KOA.link/E4K)



Series Number	Size Code	ID		OD		Max. Working Pressure (psi) at 68°F	Min. Bend. Radius		Weight (lbs/ft)	Coupling Recommendations				
		(in)	(mm)	(in)	(mm)		(in)	(mm)		AlfaCrimp One-Piece	Ferrule Non-Skive	Ferrule Skive & Interlock		
E4K	06	3/8	9.5	0.78	19.8	4000	2.95	75.0	0.42	S	D	AF4	AS4	
E4K	08	1/2	12.7	0.89	22.5	4000	3.54	90.0	0.42	S	D	AF4	AS4	
E4K	10	5/8	15.9	1.00	25.4	4000	3.94	100.0	0.60	S	D	AF4	AS4	
E4K	12	3/4	19.1	1.14	29.0	4000	4.72	120.0	0.66	S	D	AF4	AS4	
E4K	16	1	25.4	1.46	37.2	4000	5.91	150.0	1.00	S	D	AF4	AS4	YS2
E4K	20	1 1/4	31.8	1.74	44.2	4000	8.27	210.0	1.49	S	F		AS4	XF2 YS2
E4K	24	1 1/2	38.1	1.99	50.6	4000	9.84	250.0	1.76	S			AS4	XF2 YS2
E4K	32	2	50.8	2.55	64.7	4000	12.52	318.0	2.69	S			AS4	XF2 YS2

† 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.