

alfabiotech EVOLUTION E5K Series

5000 PSI Minetuff Hydraulic Hose

NEW



Smooth cover for sizes 10-16



Wrapped cover for size 20



Wrapped cover for sizes 24-32

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KOA.link/E5K



GENERAL APPLICATIONS

Developed to withstand very demanding conditions; very high performance in pressure, pulsing and flexing

CONSTRUCTION

Tube: Oil and biodegradeable hydraulic fluid resistant synthetic rubber

Reinforcement: Four/six 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 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"

COMPLIANCE DETAILS

Compliances	Size
EN856 4SP	5/8", 3/4" and 1"
EN856 4SH	1 1/4"
SAE 100R13	All sizes
ISO 18752/CC 1,000,000+ impulse cycles	All sizes
MSHA IC-152/16 approved flame resistance	All sizes

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	Two-Piece		
										Ferrule Skive	Ferrule Interlock		
E5K	10	5/8	15.9	1.00	25.4	5000	3.94	100.0	0.57	S	AS4		
E5K	12	3/4	19.1	1.16	29.4	5000	4.72	120.0	0.79	S	F	AS4	XF2 YS2
E5K	16	1	25.4	1.47	37.4	5000	5.91	150.0	1.10	S	F	AS4	XF2 YS2
E5K	20	1 1/4	31.8	1.73	44.0	5000	8.27	210.0	1.49	S	F		XF2 YS2
E5K	24	1 1/2	38.1	2.16	54.8	5000	9.84	250.0	2.64	S	F		
E5K	32	2	50.8	2.70	68.7	5000	12.52	318.0	3.89	S	F		

† 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.