



Smooth cover for sizes 04-16



Wrapped cover for sizes 20-32

alfabiotech EVOLUTION E6K Series

6000 PSI Minetuff Hydraulic Hose

NEW

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: 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 6K MINETUFF ... 6000 PSI (42 MPa) – 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 for 2"

COMPLIANCE DETAILS

Compliances	Size
EN856 4SP	1/4", 3/8" and 1/2"
EN856 4SH	3/4" and 1"
SAE 100R15	1" through 2"
ISO 18752/CC 1,000,000+ impulse cycles	All sizes
MSHA IC-152/16 approved flame resistance	All sizes

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[KOA.link/
E6K](https://KOA.link/E6K)



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 Skive	Ferrule Interlock		
E6K	04	1/4	6.4	0.67	17.0	6000	2.36	60.0	0.35	S		AS4		
E6K	06	3/8	9.5	0.78	19.8	6000	2.95	75.0	0.42	S		AS4		
E6K	08	1/2	12.7	0.89	22.5	6000	3.54	90.0	0.48	S		AS4		
E6K	10	5/8	15.9	1.09	27.8	6000	3.94	100.0	0.80	S			XF1	YS1
E6K	12	3/4	19.1	1.20	30.6	6000	4.72	120.0	0.93	S	F		XF2	YS2
E6K	16	1	25.4	1.50	38.2	6000	5.91	150.0	1.30	S	F		XF2	YS2
E6K	20	1 1/4	31.8	1.87	47.6	6000	8.86	225.0	2.01	S	F		XF1	YS1
E6K	24	1 1/2	38.1	2.14	54.4	6000	12.01	305.0	2.80	S			XF1	YS1
E6K	32	2	50.8	2.70	68.7	6000	14.96	380.0	4.09					ZF1

† 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.