

E5K SERIES MINETUFF 5000 PSI

THE MINETUFF E5K SERIES IS A HIGH TENSILE STEEL SPIRAL WIRE REINFORCED HYDRAULIC HOSE RATED TO 5000 PSI WORKING PRESSURE. THIS PRODUCT WAS DEVELOPED TO WITHSTAND VERY DEMANDING CONDITIONS AND EXHIBIT VERY HIGH PERFORMANCE IN PRESSURE, PULSING AND FLEXING APPLICATIONS.

COMPLIANCE DETAILS

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



Smooth cover for sizes 10-16



Wrapped cover for size 20



Wrapped cover for sizes 24-32

CONSTRUCTION

Tube: Oil and biodegradable 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

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	Two-Piece 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			

HIGH PRESSURE