

alfabiotech EVOLUTION E5KST Series

NEW

5000 PSI Supertuff Hydraulic Hose



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E5KST](https://KOA.link/E5KST)



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:

Special "supertuff" cover for excellent abrasion resistance and long service life in heavy duty applications

SERVICE TEMPERATURE RANGE

-40°F (-40°C) to +250°F (+121°C)






BRANDING

ALFAGOMMA ALFABIOTECH EVOLUTION 5K SUPERTUFF ... WP 35 MPa (5000 PSI) - ISO 18752/CC - MSHA IC-152/7 - MADE IN ITALY

LENGTH

Random up to 1" - 200 feet from 1 1/4" to 2"

COMPLIANCE DETAILS

Compliances	Size
 EN856 4SP	5/8", 3/4" and 1"
 EN856 4SH	1 1/4"
 SAE 100R13	1 1/2" and 2"
 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	Ferrule Skive	Ferrule Interlock		
E5KST	10	5/8	15.9	1.00	25.4	5000	3.94	100.0	0.57	S		AS4		
E5KST	12	3/4	19.1	1.16	29.4	5000	4.72	120.0	0.79	S	F	AS4	XF2	YS2
E5KST	16	1	25.4	1.47	37.4	5000	5.91	150.0	1.10	S	F	AS4	XF2	YS2
E5KST	20	1 1/4	31.8	1.73	44.0	5000	8.27	210.0	1.49	S	F		XF2	YS2
E5KST	24	1 1/2	38.1	2.16	54.8	5000	9.84	250.0	2.64	S	F		XF1	YS1
E5KST	32	2	50.8	2.70	68.7	5000	12.52	318.0	3.89	S	F		XF1	YS1

† 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.