

Alfabiotech 5000 SUPERTUFF - ABT5KST Hydraulic Hose



ABT5KST - 4 or 6 wire spiral
 Exceeds EN856 4SP sizes 5/8", 3/4" and 1"
 Exceeds EN856 4SH sizes 1 1/4"
 Exceeds SAE 100R13 sizes 1 1/2" and 2"
 ISO 18752/CC 1,000,000+ impulse cycles all sizes
 MSHA IC-152/7 approved flame resistance



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 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"

Nominal Specifications

Series Number	Size Code	ID		OD		Max Working† Pressure (psi)	Min. Bend. Radius		Weight (lbs/ft)	Coupling Recommendations		
		(in)	(mm)	(in)	(mm)		(in)	(mm)		AlfaCrimp One-Piece	Two-Piece	
											Ferrule Skive	Ferrule Interlock
ABT5KST	10	5/8	15.9	1.04	26.3	5000	5.5	139.7	0.63		AS4	XF2
ABT5KST	12	3/4	19.1	1.24	31.6	5000	5.9	149.9	0.87	F	AS4	XF2
ABT5KST	16	1	25.4	1.50	38.2	5000	7.1	180.3	1.14	F	AS4	XF2
ABT5KST	20	1 1/4	31.8	1.75	44.4	5000	11.0	279.4	2.00	F		XF2
ABT5KST	24	1 1/2	38.1	2.22	56.5	5000	18.7	474.9	3.09	F		XF1
ABT5KST	32	2	50.8	2.76	70.2	5000	21.5	546.1	4.28	F		XF1

† 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.