

ABT6KST - Alfabiotech 6000 SUPERTUFF



Alfabiotech 6000 SUPERTUFF - ABT6KST Hydraulic Hose

ABT6KST - 4 or 6 wire spiral

Exceeds EN856 4SP sizes 1/4", 3/8" and 1/2"

Exceeds EN856 4SH sizes 3/4" and 1"

Exceeds SAE 100R15 sizes 1" through 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 (4S/6S).

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 6K SUPERTUFF ... WP 45 MPa (6550 PSI) - ISO 18752/CC-MSHA IC- 152/7 - MADE IN ITALY

Length:

Random up to 1" - 100 feet from 1 1/4" to 1 1/2"

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	
ABT6KST	04	1/4	6.4	0.68	17.3	6550	2.4	61.0	0.37		AS4	
ABT6KST	06	3/8	9.5	0.79	20.1	6450	3.0	76.2	0.42		AS4	
ABT6KST	08	1/2	12.7	0.91	23.0	6000	3.5	88.9	0.51		AS4	XF2
ABT6KST	10	5/8	15.9	1.11	28.2	6000	7.1	180.3	0.81			XF1
ABT6KST	12	3/4	19.1	1.24	31.4	6000	8.2	208.3	0.97	F		XF2
ABT6KST	16	1	25.4	1.50	38.2	6000	9.8	248.9	1.32	F		XF2
ABT6KST	20	1 1/4	31.8	1.94	49.3	6000	17.5	444.5	2.29	F		XF1
ABT6KST	24	1 1/2	38.1	2.22	56.5	6000	20.8	528.3	3.02			XF1
ABT6KST	32	2	50.8	2.80	71.0	6000	25.5	647.7	4.37			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.

HOSES
ONE-PIECE B SERIES
ONE-PIECE D SERIES
ONE-PIECE F & P SERIES
TWO-PIECE FERRULES (A & PFR SERIES)
TWO-PIECE INSERTS (A SERIES)
TWO-PIECE INTERLOCK FERRULES & INSERTS (X & Z SERIES)
QUICK RELEASE
ASSEMBLY EQUIPMENT
TECHNICAL INFORMATION