



jaguar industries inc

• WIRE • CABLE • TUBING

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SHRINK TUBING J-130

MIL-I-23053/7

DESCRIPTION: JAGUAR J-130 SHRINK TUBING IS AN ELECTRICAL GRADE POLYESTER PRODUCT PRODUCED BY SPIRAL WINDING AND RESIN BONDING. IT IS RATED FOR -55°C TO 130°C CONTINUOUS OPERATION AND CAN STAND ELEVATED TEMPERATURES OF 150°C FOR SHORT PERIODS. JAGUAR J-130 HAS AN EXTREMELY THIN, FULLY TRANSPARENT WALL AND IS IDEAL FOR USE AS A COVER OVER COMPONENTS LIKE RESISTORS, COILS AND CAPACITORS. PARTIAL SHRINKAGE TAKES PLACE AT 80°C AND CONTINUES TO TOTAL SHRINKAGE AT 150°C.

SPECIFICATION: MIL-I-23053/7, CLASS 2.

MATERIAL: POLYETHYLENE TEREPHTHALATE (MYLAR®), SHRINK RATIO 1.3:1.

TEMPERATURE RATING: -55°C TO 130°C.

STANDARD COLOR: CLEAR (OTHER COLORS AVAILABLE, CONSULT FACTORY).

PACKAGING: 3 FOOT OR 4 FOOT LENGTHS.*

ORDERING INFORMATION: SPECIFY JAGUAR CATALOG NO.

CATALOG NO. LENGTHS	ORDER SIZE		EXPANDED I.D. (MINIMUM)		RECOVERED I.D. (MAXIMUM)		RECOVERED WALL (NOMINAL)	
	in.		in.	(mm)	in.	(mm)	in.	(mm)
J-130 LU 1/64	1/64		.015	(.38)	.011	(.28)	.003	(.076)
J-130 LU 1/32	1/32		.030	(.76)	.023	(.58)	.003	(.076)
J-130 LU 1/16	1/16		.062	(1.57)	.047	(1.19)	.004	(.102)
J-130 LU 3/32	3/32		.093	(2.36)	.070	(1.78)	.005	(.127)
J-130 LU 1/8	1/8		.125	(3.18)	.094	(2.4)	.006	(.152)
J-130 LU 3/16	3/16		.187	(4.75)	.140	(3.6)	.006	(.152)
J-130 LU 1/4	1/4		.250	(6.35)	.188	(4.8)	.006	(.152)
J-130 LU 5/16	5/16		.312	(7.92)	.234	(5.9)	.006	(.152)
J-130 LU 3/8	3/8		.375	(9.53)	.281	(7.14)	.006	(.152)
J-130 LU 1/2	1/2		.500	(12.7)	.375	(9.5)	.006	(.152)
J-130 LU 5/8	5/8		.625	(15.88)	.469	(11.9)	.006	(.152)
J-130 LU 3/4	3/4		.750	(19.1)	.563	(14.3)	.006	(.152)
J-130 LU 1	1		1.000	(25.4)	.750	(19.1)	.006	(.152)
J-130 LU 1 1/8	1 1/8		1.125	(28.58)	.844	(21.4)	.006	(.152)
J-130 LU 1 1/4	1 1/4		1.250	(31.75)	.938	(23.8)	.006	(.152)
J-130 LU 1 3/8	1 3/8		1.375	(34.93)	1.032	(26.2)	.006	(.152)
J-130 LU 1 1/2	1 1/2		1.500	(38.1)	1.125	(28.6)	.006	(.152)
J-130 LU 1 3/4	1 3/4		1.750	(44.45)	1.313	(33.4)	.006	(.152)
J-130 LU 2	2		2.000	(50.8)	1.500	(38.1)	.006	(.152)

*ALSO AVAILABLE AS CUT PIECES, CONSULT FACTORY.

TYPICAL PROPERTIES

PHYSICAL

TENSILE STRENGTH 20,000 PSI
 ULTIMATE ELONGATION 50%
 LONGITUDINAL CHANGE -35%
 SPECIFIC GRAVITY 1.3
 HEAT AGING ELONGATION
 (336 HRS. @ 150°C) 40%

HEAT SHOCK

(4 HRS. @ 180°C)

NO CRACKING,

FLOWING

OR DRIPPING

FLEXIBILITY

NO CRACKING

SELF EXTINGUISH

LOW TEMPERATURE

(4 HRS @ -60°C)

FLAMMABILITY

ELECTRICAL

DIELECTRIC STRENGTH 2500 V/MIL

VOLUME RESISTIVITY 10¹⁴ OHM-CM

CHEMICAL

CORROSIVE EFFECT NON-CORROSIVE

WATER ABSORPTION 0.6%

FUNGUS RESISTANCE NON-NUTRIENT

PROPERTIES INFORMATION IS TYPICAL DATA ONLY AND SHOULD NOT BE USED FOR SPECIFICATION REQUIREMENTS.