



jaguar industries inc

• WIRE • CABLE • TUBING

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SHRINK TUBING J-350

MIL-I-23053/8

DESCRIPTION: JAGUAR J-350 IS AN IRRADIATED MODIFIED POLYVINYLIDENE FLUORIDE (KYNAR®) THIN WALLED HEAT SHRINK TUBING OFFERING MECHANICAL STRENGTH AND HIGH-TEMPERATURE PROPERTIES. IT HAS HIGH ABRASION RESISTANCE AND DIELECTRIC STRENGTH COMBINED WITH RESISTANCE TO MOST INDUSTRIAL CHEMICALS. WHEN HEATED ABOVE 175°C, JAGUAR J-350 SHRINKS TO FORM A SKINTIGHT COVER. IT IS RATED FOR -55°C TO 175°C CONTINUOUS OPERATION. THE TUBING IS TRANSPARENT AND IS IDEAL FOR USE AS A COMPONENT JACKET.

SPECIFICATIONS: MIL-I-23053/8; AMS-3593; UL.

MATERIAL: KYNAR®, SHRINK RATIO 2:1.

TEMPERATURE RATING: -55°C TO 175°C.

STANDARD COLOR: CLEAR. OTHER COLORS AVAILABLE SUBJECT TO MINIMUM QUANTITIES.

PACKAGING: 4 FOOT LENGTHS.*

ORDERING INFORMATION: SPECIFY JAGUAR CATALOG NO.

CATALOG NO. 4 FT LENGTHS	ORDER SIZE	EXPANDED I.D. (MINIMUM)		RECOVERED I.D. (MAXIMUM)		RECOVERED WALL (NOMINAL)	
	in.	in.	(mm)	in.	(mm)	in.	(mm)
J-350 LU 3/64	3/64	.046	(1,17)	.023	(0,58)	.010	(0,25)
J-350 LU 1/16	1/16	.063	(1,60)	.031	(0,79)	.010	(0,25)
J-350 LU 3/32	3/32	.093	(2,36)	.046	(1,17)	.010	(0,25)
J-350 LU 1/8	1/8	.125	(3,18)	.062	(1,57)	.010	(0,25)
J-350 LU 3/16	3/16	.187	(4,75)	.093	(2,36)	.010	(0,25)
J-350 LU 1/4	1/4	.250	(6,35)	.125	(3,18)	.012	(0,30)
J-350 LU 3/8	3/8	.375	(9,53)	.187	(4,75)	.012	(0,30)
J-350 LU 1/2	1/2	.500	(12,70)	.250	(6,35)	.012	(0,30)
J-350 LU 5/8	5/8	.625	(15,88)	.313	(7,94)	.014	(0,36)
J-350 LU 3/4	3/4	.750	(19,05)	.375	(9,53)	.017	(0,43)
J-350 LU 1	1	1.000	(25,40)	.500	(12,70)	.019	(0,48)
J-350 LU 1-1/2	1-1/2	1.500	(38,10)	.750	(19,05)	.020	(0,51)
J-350 LU 2	2	2.000	(50,80)	1.000	(25,40)	.022	(0,56)

*ALSO AVAILABLE AS CUT PIECES, CONSULT FACTORY.

TYPICAL PROPERTIES

PHYSICAL

TENSILE STRENGTH	5500 PSI
ULTIMATE ELONGATION	350%
LONGITUDINAL CHANGE	+1,-10%
SPECIFIC GRAVITY	1.7
LOW TEMPERATURE FLEXIBILITY (4 HRS @ -55°C)	NO CRACKING

FLAMMABILITY	SELF EXTINGUISH
	MEETS UL 224 VW-1 TEST

ELECTRICAL

DIELECTRIC STRENGTH	900 V/MIL
VOLUME RESISTIVITY	10 ¹⁴ OHM-CM

CHEMICAL

CORROSIVE EFFECT NON-CORROSIVE

FUEL & OIL RESISTANCE	EXCELLENT
SOLVENT RESISTANCE	EXCELLENT
ABRASION RESISTANCE	EXCELLENT
ACID RESISTANCE	EXCELLENT
ALKALI RESISTANCE	EXCELLENT
FUNGUS RESISTANCE	NON-NUTRIENT

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