



jaguar industries inc

• WIRE • CABLE • TUBING

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SHRINK TUBING J-105

MIL-I-23053/2

DESCRIPTION: JAGUAR J-105 SHRINK TUBING IS AN ELECTRICAL GRADE IRRADIATED POLYVINYL CHLORIDE MATERIAL RATED FOR -35°C TO 105°C CONTINUOUS OPERATION . JAGUAR J-105 IS RECOMMENDED AS A GENERAL PURPOSE HEAT SHRINKABLE TUBING FOR NON-CRITICAL COMMERCIAL APPLICATIONS. IT OFFERS HIGHER OPERATING TEMPERATURES, LESS LONGITUDINAL SHRINKAGE AND EXTENDED SHELF LIFE WHEN COMPARED TO NON-IRRADIATED VINYL SHRINK TUBING. J-105 IS EXTREMELY HEAT SENSITIVE, SHRINKING QUICKLY AT 100°C AND SHOULD BE STORED BELOW 20°C.

SPECIFICATION: MIL-I-23053/2, AMS 3579, UL, CSA.

MATERIAL: IRRADIATED PVC, SHRINK RATIO 2:1.

TEMPERATURE RATING: -35°C TO 105°C.

STANDARD COLOR: BLACK.

PACKAGING: SPOOLS.*

ORDERING INFORMATION: SPECIFY JAGUAR CATALOG NO.

CATALOG NO. REELS	ORDER SIZE	EXPANDED I.D.		RECOVERED I.D.		RECOVERED WALL	
	in.	in.	(mm)	in.	(mm)	in.	(mm)
J-105 RU 3/64	3/64	.046	(1,17)	.023	(0,58)	.020	(0,50)
J-105 RU 1/16	1/16	.062	(1,58)	.031	(0,78)	.020	(0,50)
J-105 RU 3/32	3/32	.093	(2,36)	.046	(1,17)	.020	(0,50)
J-105 RU 1/8	1/8	.125	(3,18)	.062	(1,57)	.025	(0,64)
J-105 RU 3/16	3/16	.187	(4,76)	.093	(2,36)	.025	(0,64)
J-105 RU 1/4	1/4	.250	(6,35)	.125	(3,18)	.030	(0,76)
J-105 RU 3/8	3/8	.375	(9,53)	.187	(4,76)	.030	(0,76)
J-105 RU 1/2	1/2	.500	(12,70)	.250	(6,35)	.030	(0,76)
J-105 RU 3/4	3/4	.750	(19,05)	.375	(9,53)	.035	(0,88)
J-105 RU 1	1	1.000	(25,40)	.500	(12,7)	.040	(1,02)
J-105 RU 1-1/2	1-1/2	1.500	(38,10)	.750	(19,1)	.045	(1,14)
J-105 RU 2	2	2.000	(50,80)	1.000	(25,4)	.050	(1,27)

* ALSO AVAILABLE AS CUT PIECES, CONSULT FACTORY.

TYPICAL PROPERTIES

PHYSICAL

TENSILE STRENGTH 3000 PSI
ULTIMATE ELONGATION 300%
LONGITUDINAL SHRINK 10-20% NOM
SPECIFIC GRAVITY 1.32
HEAT AGING (168 HRS. @ 136°C)
ELONGATION RETENTION 95%
FLAMMABILITY MEETS UL VW-1

ELECTRICAL

DIELECTRIC STRENGTH 1,000 V/MI
VOLUME RESISTIVITY 10¹² OHM-CM

CHEMICAL

RESISTS MOST OILS AND CHEMICALS.
FUNGUS RESISTANT PER MIL-I-7444.

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