



# jaguar industries inc

• WIRE • CABLE • TUBING

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## SHRINK TUBING J-600 (NEOPRENE®) MIL-I-23053/1

**DESCRIPTION:** JAGUAR J-600 TUBING IS A MODIFIED POLYCHLOROPRENE (NEOPRENE®) NOT AFFECTED BY COMMON FLUIDS AND SOLVENTS. ONE OF THE OUTSTANDING PROPERTIES OF THIS TUBING IS IT'S ABILITY TO MAINTAIN FLEXIBILITY AT LOW TEMPERATURES. IT IS IDEAL FOR USE UNDER SEVERE ENVIRONMENTAL CONDITIONS. MINIMUM SHRINK TEMPERATURE IS 135°C.

**SPECIFICATIONS:** MIL-R-46846, TYPE 1, CLASS 1; MIL-I-23053/1, CLASS 1,2; AMS-3623.

**MATERIAL:** NEOPRENE®, SHRINK RATIO 2:1.

**TEMPERATURE RATING:** -70°C TO 121°C.

**STANDARD COLOR:** BLACK.

**PACKAGING:** REELS.\*

**ORDERING INFORMATION:** SPECIFY JAGUAR CATALOG NO.

CATALOG NO. REELS	ORDER SIZE	EXPANDED I.D. (MINIMUM)		RECOVERED I.D. (MAXIMUM)		RECOVERED WALL (NOMINAL)	
	in.	in.	(mm)	in.	(mm)	in.	(mm)
J-600 RU 1/8	1/8	.125	(3,18)	.072	(1,83)	.030	(0,76)
J-600 RU 3/16	3/16	.187	(4,75)	.106	(2,69)	.035	(0,89)
J-600 RU 1/4	1/4	.250	(6,35)	.125	(3,18)	.035	(0,89)
J-600 RU 3/8	3/8	.375	(9,53)	.187	(4,75)	.040	(1,02)
J-600 RU 1/2	1/2	.500	(12,70)	.250	(6,35)	.048	(1,22)
J-600 RU 5/8	5/8	.625	(15,88)	.312	(7,92)	.052	(1,32)
J-600 RU 3/4	3/4	.750	(19,05)	.375	(9,53)	.060	(1,52)
J-600 RU 7/8	7/8	.875	(22,23)	.437	(11,10)	.065	(1,65)
J-600 RU 1	1	1.000	(25,40)	.500	(12,70)	.070	(1,78)
J-600 RU 1-1/4	1-1/4	1.250	(31,75)	.612	(15,54)	.087	(2,21)
J-600 RU 1-1/2	1-1/2	1.500	(38,10)	.750	(19,05)	.100	(2,54)
J-600 RU 1-3/4	1-3/4	1.750	(44,45)	.875	(22,23)	.107	(2,72)
J-600 RU 2	2	2.000	(50,80)	1.000	(25,40)	.110	(2,79)
J-600 RU 3	3	3.000	(76,20)	1.500	(38,10)	.125	(3,18)
J-600 RU 4	4	4.000	(101,60)	2.000	(50,80)	.140	(3,56)

\*ALSO AVAILABLE AS CUT PIECES, CONSULT FACTORY.

## TYPICAL PROPERTIES

### PHYSICAL

TENSILE STRENGTH 2100 PSI  
ULTIMATE ELONGATION 500%  
LONGITUDINAL CHANGE +1,-10%  
SPECIFIC GRAVITY 1.3  
HEAT AGING ELONGATION  
(168 HRS. @ 121°C) 225%  
HEAT SHOCK NO DRIPPING

(4 HRS. @ 200°C)

NO CRACKING OR FLOWING  
LOW TEMPERATURE FLEXIBILITY  
(4 HRS @ -70°C)  
FLAMMABILITY SELF EXTINGUISH

### ELECTRICAL

DIELECTRIC STRENGTH 800 V/MIL  
VOLUME RESISTIVITY 10<sup>12</sup> OHM-CM

### CHEMICAL

CORROSIVE EFFECT NON-CORROSIVE  
FUEL AND OIL RESISTANCE  
(24 HRS. @ 25°C) JP4 EXCELLENT  
TENSILE STRENGTH 1200 PSI  
DIELECTRIC STRENGTH 250 V/MIL  
WATER ABSORPTION 0.7%  
FUNGUS RESISTANCE NON-NUTRIENT

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