



# jaguar industries inc

• WIRE • CABLE • TUBING

380 ROUTE 210, P.O. BOX 444 STONY POINT, N.Y. 10980  
 OUTSIDE NEW YORK STATE CALL TOLL FREE 1-800-443-6528

845-947-1800  
 FAX 845-947-1712

## SHRINK TUBING J-500 (SW, TW, LW) (PTFE)

**DESCRIPTION:** JAGUAR J-500 SHRINK TUBING IS AN ELECTRICAL GRADE PTFE PRODUCT RATED FOR -65°C TO 260°C CONTINUOUS OPERATION. THE EXTREME CHEMICAL INERTNESS OF JAGUAR J-500 SHRINK TUBING COMBINED WITH ITS HIGH TEMPERATURE RESISTANCE MAKES IT AN IDEAL PRODUCT FOR USE AS A STRAIN RELIEF, FIBER OPTIC SPLICE COVER AND WHENEVER AN INERT, HIGH TEMPERATURE SHRINK TUBING IS REQUIRED. MINIMUM SHRINK TEMPERATURE IS 328°C AND CARE MUST BE TAKEN TO AVOID SHRINK TEMPERATURES ABOVE 357°C.

**SPECIFICATIONS:** AMS 3585 (TW SERIES); AMS 3586 (SW SERIES); UL; CSA. THE FOLLOWING ITEMS ALSO MEET MIL-I-23053/12; JAGUAR J-500 SW (CLASS 2), JAGUAR J-500 TW (CLASS 3), JAGUAR J-500 LW (CLASS 4).

**MATERIAL:** POLYTETRAFLUOROETHYLENE (PTFE), SHRINK RATIO 1.5:1.

**TEMPERATURE RATING:** -67°C TO 260°C.

**STANDARD COLOR:** TRANSLUCENT WHITE (NATURAL). OTHER COLORS AVAILABLE ON SPECIAL ORDER, CONSULT FACTORY.

**PACKAGING:** 4 FOOT LENGTHS.\*

**ORDERING INFORMATION:** SPECIFY JAGUAR CATALOG NO., INCLUDING WALL TYPE, SIZE NO. AND COLOR. EXAMPLE: J-500 TW 5/16 NATURAL.

### JAGUAR J-500 SW STANDARD WALL

### JAGUAR J-500 TW THIN WALL

### JAGUAR J-500 LW LIGHT WALL

| ORDER AS SIZE NO. | EXPANDED I.D. MIN. (in.) | RECOVERED I.D. MAX. (in.) | RECOVERED WALL (in.) NOM. | ORDER AS SIZE NO. | EXPANDED I.D. MIN. (in.) | RECOVERED I.D. MAX. (in.) | RECOVERED WALL (in.) NOM. | ORDER AS SIZE NO. | EXPANDED I.D. MIN. (in.) | RECOVERED I.D. MAX. (in.) | RECOVERED WALL (in.) NOM. |
|-------------------|--------------------------|---------------------------|---------------------------|-------------------|--------------------------|---------------------------|---------------------------|-------------------|--------------------------|---------------------------|---------------------------|
| 30                | 0.034                    | 0.015                     | 0.009                     | 30                | 0.034                    | 0.015                     | 0.009                     | 30                | 0.034                    | 0.015                     | 0.006                     |
| 28                | 0.038                    | 0.018                     | 0.009                     | 28                | 0.038                    | 0.018                     | 0.009                     | 28                | 0.038                    | 0.018                     | 0.006                     |
| 26                | 0.046                    | 0.022                     | 0.010                     | 26                | 0.046                    | 0.022                     | 0.010                     | 26                | 0.046                    | 0.022                     | 0.006                     |
| 24                | 0.050                    | 0.027                     | 0.012                     | 24                | 0.050                    | 0.027                     | 0.010                     | 24                | 0.050                    | 0.025                     | 0.006                     |
| 22                | 0.055                    | 0.032                     | 0.012                     | 22                | 0.055                    | 0.032                     | 0.012                     | 22                | 0.055                    | 0.031                     | 0.006                     |
| 20                | 0.060                    | 0.039                     | 0.016                     | 20                | 0.060                    | 0.039                     | 0.012                     | 20                | 0.060                    | 0.038                     | 0.006                     |
| 19                | 0.065                    | 0.043                     | 0.016                     | 19                | 0.065                    | 0.043                     | 0.012                     | 19                | 0.065                    | 0.043                     | 0.006                     |
| 18                | 0.076                    | 0.049                     | 0.016                     | 18                | 0.076                    | 0.049                     | 0.012                     | 18                | 0.076                    | 0.046                     | 0.006                     |
| 17                | 0.085                    | 0.054                     | 0.016                     | 17                | 0.085                    | 0.054                     | 0.012                     | 17                | 0.085                    | 0.054                     | 0.006                     |
| 16                | 0.090                    | 0.061                     | 0.016                     | 16                | 0.093                    | 0.061                     | 0.012                     | 16                | 0.093                    | 0.057                     | 0.006                     |
| 15                | 0.110                    | 0.067                     | 0.016                     | 15                | 0.110                    | 0.067                     | 0.012                     | 15                | 0.110                    | 0.063                     | 0.006                     |
| 14                | 0.120                    | 0.072                     | 0.016                     | 14                | 0.120                    | 0.072                     | 0.012                     | 14                | 0.120                    | 0.072                     | 0.008                     |
| 13                | 0.140                    | 0.080                     | 0.016                     | 13                | 0.140                    | 0.080                     | 0.012                     | 13                | 0.140                    | 0.080                     | 0.008                     |
| 12                | 0.150                    | 0.089                     | 0.016                     | 12                | 0.150                    | 0.089                     | 0.012                     | 12                | 0.150                    | 0.089                     | 0.008                     |
| 11                | 0.170                    | 0.101                     | 0.016                     | 11                | 0.170                    | 0.101                     | 0.012                     | 11                | 0.170                    | 0.099                     | 0.008                     |
| 10                | 0.191                    | 0.112                     | 0.016                     | 10                | 0.191                    | 0.112                     | 0.012                     | 10                | 0.191                    | 0.110                     | 0.008                     |
| 9                 | 0.205                    | 0.124                     | 0.020                     | 9                 | 0.205                    | 0.124                     | 0.015                     | 9                 | 0.205                    | 0.122                     | 0.008                     |
| 1/8               | 0.215                    | 0.130                     | 0.020                     | 1/8               | 0.215                    | 0.130                     | 0.015                     |                   |                          |                           |                           |
| 8                 | 0.240                    | 0.141                     | 0.020                     | 8                 | 0.240                    | 0.141                     | 0.015                     | 8                 | 0.240                    | 0.139                     | 0.008                     |
| 7                 | 0.270                    | 0.158                     | 0.020                     | 7                 | 0.270                    | 0.158                     | 0.015                     | 7                 | 0.270                    | 0.154                     | 0.008                     |
| 6                 | 0.302                    | 0.178                     | 0.020                     | 6                 | 0.302                    | 0.178                     | 0.015                     | 6                 | 0.302                    | 0.172                     | 0.010                     |
| 5                 | 0.320                    | 0.198                     | 0.020                     | 5                 | 0.320                    | 0.198                     | 0.015                     | 5                 | 0.320                    | 0.192                     | 0.010                     |
| 4                 | 0.370                    | 0.224                     | 0.020                     | 4                 | 0.370                    | 0.224                     | 0.015                     | 4                 | 0.370                    | 0.214                     | 0.010                     |
| 3                 | 0.390                    | 0.249                     | 0.020                     | 3                 | 0.390                    | 0.249                     | 0.015                     | 3                 | 0.390                    | 0.241                     | 0.010                     |
| 1/4               | 0.410                    | 0.260                     | 0.020                     | 1/4               | 0.410                    | 0.260                     | 0.015                     |                   |                          |                           |                           |
| 2                 | 0.430                    | 0.278                     | 0.020                     | 2                 | 0.430                    | 0.278                     | 0.015                     | 2                 | 0.430                    | 0.270                     | 0.010                     |
| 1                 | 0.450                    | 0.311                     | 0.020                     | 1                 | 0.450                    | 0.311                     | 0.015                     | 1                 | 0.450                    | 0.301                     | 0.010                     |
| 5/16              | 0.470                    | 0.329                     | 0.020                     | 5/16              | 0.470                    | 0.329                     | 0.015                     |                   |                          |                           |                           |
| 0                 | 0.470                    | 0.347                     | 0.020                     | 0                 | 0.470                    | 0.347                     | 0.015                     | 0                 | 0.470                    | 0.347                     | 0.012                     |
| 3/8               | 0.560                    | 0.399                     | 0.025                     | 3/8               | 0.560                    | 0.399                     | 0.015                     |                   |                          |                           |                           |
| 7/16              | 0.655                    | 0.462                     | 0.025                     | 7/16              | 0.655                    | 0.462                     | 0.018                     |                   |                          |                           |                           |
| 1/2               | 0.750                    | 0.524                     | 0.025                     | 1/2               | 0.750                    | 0.524                     | 0.018                     |                   |                          |                           |                           |
| 5/8               | 0.930                    | 0.655                     | 0.030                     | 5/8               | 0.930                    | 0.655                     | 0.020                     |                   |                          |                           |                           |
| 3/4               | 1.125                    | 0.786                     | 0.035                     | 3/4               | 1.125                    | 0.786                     | 0.025                     |                   |                          |                           |                           |
| 7/8               | 1.310                    | 0.911                     | 0.035                     | 7/8               | 1.310                    | 0.911                     | 0.030                     |                   |                          |                           |                           |
| 1.0               | 1.500                    | 1.036                     | 0.035                     | 1.0               | 1.500                    | 1.036                     | 0.030                     |                   |                          |                           |                           |

\*ALSO AVAILABLE AS CUT PIECES, CONSULT FACTORY.