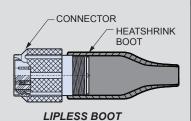


## SERIES 77 Lipless Boots



## **Shrink Boot Material and Adhesive Selection Guide**



| Table 1: Boot Size Selection Guide |                    |       |             |       |            |      |      |                    |       |                    |       |            |       |
|------------------------------------|--------------------|-------|-------------|-------|------------|------|------|--------------------|-------|--------------------|-------|------------|-------|
|                                    | Connector Diameter |       |             |       | Min. Cable |      |      | Connector Diameter |       |                    |       | Min. Cable |       |
| Boot                               | Inches             |       | Millimeters |       | Diameter   |      | Boot | Inches             |       | Inches Millimeters |       | Diameter   |       |
| Size                               | Min                | Max   | Min         | Max   | ln.        | mm.  | Size | Min                | Max   | Min                | Max   | ln.        | mm.   |
| 00                                 | .250               | .325  | 6.35        | 8.26  | .110       | 2.79 | 06   | .900               | 1.350 | 22.86              | 34.29 | .375       | 9.53  |
| 01                                 | .300               | .425  | 7.62        | 10.80 | .150       | 3.81 | 07   | 1.250              | 1.650 | 31.75              | 41.91 | .425       | 10.80 |
| 02                                 | .350               | .600  | 8.89        | 15.24 | .175       | 4.45 | 08   | 1.400              | 2.250 | 35.56              | 57.15 | .625       | 15.88 |
| 03                                 | .450               | .850  | 11.43       | 21.59 | .225       | 5.72 | 09   | 1.800              | 2.500 | 45.70              | 63.50 | .800       | 20.30 |
| 04                                 | .600               | 1.000 | 15.24       | 25.40 | .275       | 6.99 | 10   | 2.370              | 3.200 | 60.20              | 81.30 | 1.120      | 28.50 |
| 05                                 | .750               | 1.200 | 19.05       | 30.48 | .300       | 7.62 |      |                    |       |                    |       |            |       |

| Table 2: Material Selection Guide                  |                 |                            |                              |                                |                                |                               |  |  |
|--|-----------------|----------------------------|------------------------------|--------------------------------|--------------------------------|-------------------------------|--|--|
| Material Type                                      | Flexibility     | Continuous Operating Temp. | Resistance to<br>Fuels, Oils | Flammability                   | Low Temperature<br>Flexibility | Low Toxicity,<br>Zero Halogen |  |  |
| Type 1<br>High-Performance<br>Semi-Rigid Elastomer | Semi-rigid      | -75°C to +150°C            | Excellent                    | Self-Extinguishing<br><15 Sec  | -75° C                         | No                            |  |  |
| Type 2<br>Zero Halogen<br>Semi-Rigid Polyolefin    | Semi-flexible   | -40°C to +130°C            | Very Good                    | Self-Extinguishing<br><15 Sec  | -40° C                         | Yes                           |  |  |
| Type 3<br>General Purpose<br>Flexible Polyolefin   | Flexible        | -55° C to +135° C          | Good                         | Self-Extinguishing<br><120 Sec | -55° C                         | No                            |  |  |
| Type 5<br>Viton<br>Fluoroelastomer Blend           | Flexible        | -55° C to +150° C          | Excellent                    | Self-Extinguishing<br><60 Sec  | -55° C                         | No                            |  |  |
| Type 6<br>High Performance<br>Elastomer Alloy      | Flexible        | -55° C to +135° C          | Excellent                    | Self-Extinguishing<br><60 Sec  | -55° C                         | No                            |  |  |
| Type 7<br>Semi-Rigid Polyolefin                    | Highly Flexible | -55° C to +135° C          | Good                         | Self-Extinguishing<br><60 Sec  | -55° C                         | No                            |  |  |
| Type 8 Low Outgassing Fluoropolymer Alloy          | Semi-Rigid      | -50° C to +175° C          | Excellent                    | Self-Extinguishing<br><60 Sec  | -50° C                         | No                            |  |  |
| Type 9<br>Low Temp<br>Flexible Polyolefin          | Flexible        | -40° C to +100° C          | Fair                         | Self-Extinguishing<br><120 Sec | -40° C                         | No                            |  |  |

| Table 2: Pre-Coated Boots Adhesive Information |   |                        |                                  |   |                                       |  |  |  |  |
|--|---|------------------------|----------------------------------|---|---------------------------------------|--|--|--|--|
| Attribute                                      | W1 W2 High Performance Low Temp Adhesive Adhesive |                        | W3<br>TACOM Approved<br>Adhesive | R<br>High Performance<br>Epoxy Adhesive | 779-001<br>Two Part Epoxy<br>Adhesive |  |  |  |  |
| Boot Material Compatibility                    | Types 1, 2, 5, 6 and 7                            | Types 1, 2, 3, 7 and 9 | Types 5 and 6                    | Type 1, 2 and 5                         | All Material Types                    |  |  |  |  |
| Continuous Operating Temp.                     | -55° to +125℃                                     | -55° to +70℃           | -55° to +125°C                   | -75° to +150°C                          | -75° to +150°C                        |  |  |  |  |
| Resistance to Fuels, Oils, and Fluids          | Good  | Good                   | Good                             | Excellent                               | Excellent                             |  |  |  |  |
| Low Toxicity, Zero Halogen                     | Yes   | Yes                    | No                               | Yes                                     | Yes                                   |  |  |  |  |