



SERIES 77  
Lipless Boots



Shrink Boot Reference and Selection Guide

Lipless Straight and 45° Angle Shrink Boots



- Direct attachment to standard circular connectors
- Eight material options
- Four adhesive options
- Optional potting ports
- Non-adhesive lined boots (For use with Type U two-part epoxy):

Lipless shrink boots are designed to shrink down around the accessory threads of a circular connector, doing away with the need for any additional adapter hardware. These connectors provide a space and weight saving solution with a lower profile than traditional lipped boots. Lipless boots are available in straight and 90° angle configurations. Shrink boots provide environmental and mechanical protection as well as wire strain relief.

**Recommended Material Selection**

**Type 1** high performance, semi-rigid elastomer for extreme temperatures and excellent resistance to fuels and oils and rated for 3000 hours continuous operation at +150°C. Material meets requirements of VG95343 Type 6, BSG 198-5-DE, EN62329-102 and SAE AS5258 Type H. Temperature rating -75°C to 150°C

**Type 2** semi-flexible low smoke zero halogen (LSZH) flame-retarded polyolefin meets low smoke and toxicity requirements of shipboard, transit and aircraft systems and rated for 3000 hours continuous operation at +130° C. Temperature rating -40° C to +130°C. Material meets the requirements of SAE AS5258 Type G.

**Type 3** self extinguishing, flexible polyolefin boots meet SAE AS8176581 Type II requirements and offers good resistance to oils and fuels. Good all around general duty shrink boot solution. Temperature rating of -55° C to +135°C. Material Meets the Requirements of SAE AS5258 Type B.

**Type 5** flexible Viton® fluoroelastomer boot for extreme temperatures where excellent resistance to fuels, fluids, solvents is needed. Temperature rating of -55° C to +150°C. Material meets the requirements of SC-X15111D.

**Type 6** high performance, flexible elastomer alloy are well suited for high temperatures within areas prone to oil and fluid exposure. Temperature rating of -55° to +135°C. Material meets the requirements of SC-X15112C.

**Type 7** highly flexible polyolefin boots are well suited for high temperatures within areas prone to oil and fluid exposure. Temperature rating of -55° to +135°C. Material meets the requirements of SAE AS5258 Type A.

**Type 8** semi-rigid, low outgassing fluoropolymer alloy meets NASA low out-gassing test requirements and are suitable for high altitude and space applications. Excellent resistance to oils, fuels, solvents, acids and bases. Broad operating temperature of -50° C to +175° C provides excellent high temperature stability and low temperature flexibility for extreme temperatures. The recommended Adhesive is 779-001 two-part epoxy.

**Type 9** low temp application, flexible polyolefin for Ethernet and USB cables susceptible to heat damage from the application of boots with higher minimum shrink temperatures. Resistance to oils, fuels, solvents, acids and bases is fair. Temperature rating of -40° to +100°C.



Part Number
779-001



Part Number
779-002



Part Number	Package Size
779-003	12

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