

Outstanding Environmental and Mechanical Protection

Introduction

Shrink boots provide mechanical and environmental protection to connector-to-cable transitions. Specially formulated polymers are injection-molded, then heated and expanded. The shape-memory property of the material allows it to return to its original shape when heated with a hot air gun. Optional adhesive coatings on the inside of the boot provide a watertight, high-strength bond to the cable jacket and the connector or adapter.



RoHS Compliant

Shrink boots are fully RoHS compliant, including adhesive-lined versions.

Expanded Boots

Shrink boots are supplied in expanded form. The boot is heated, stretched on a mandrel, then cooled. The boot retains its expanded form until heat is applied.



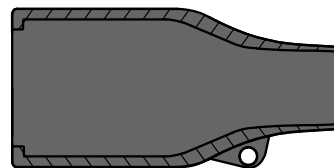
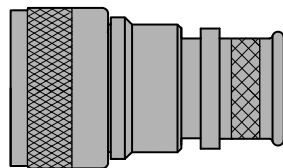
Expanded Right Angle Boot

Recovered Boots

Application of heat restores the boot to its original dimensions.

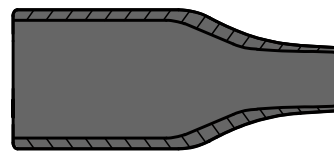
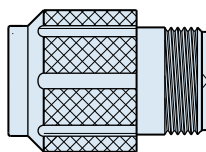


Recovered Right Angle Boot



Adapter Boots with Lip

Adapter boots are designed for use with connector adapters which attach to mil spec circular connectors. Adapters have a boot groove to accept an interlocking lip on the boot for improved strength. These adapters accept both shielded and unshielded cable. Adapters can be unthreaded from the connector for repair of damaged connector pins.



Lipless Boots

Lipless boots are designed for direct attachment to connector threads. The adapter is eliminated, saving weight and space. Adhesive lining provides sealing and improved mechanical strength.

Boot Materials

Shrink boots are available in three materials: Type 1 high performance elastomer provides improved resistance to heat, oils and fuels. Type 2 zero halogen material is intended for applications where low toxicity is a must. Type 3 general purpose flexible polyolefin is a good choice for occasional exposure to heat and chemicals.

Material Selection Guide

Property	Type 1 High Performance Semi-Rigid Elastomer	Type 2 Zero Halogen Semi-Flexible Polyolefin	Type 3 General Purpose Flexible Polyolefin
Continuous Operating Temperature	-75° to +150°C	-30° to +125°C	-55° to +135°C
Resistance to Fuels, Oils, and Fluids	Excellent	Very Good	Good
Low Toxicity, Zero Halogen	No	Yes	No
Specifications	VG 95343 Part 6 BSG 198-5-DE EN62329-102 AS5258 Type H	VG 95343 Part 29 BSG 198-5-DF EN62329-101 AS5258 Type G NAVSEA 5617649	MIL-I-81765/1 Type II AS5258 Type B

Dimensions in inches (millimeters) and are subject to change without notice.

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2

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