



SERIES 77 SHRINK BOOTS
Heat Shrink Boots
Product Overview



Outstanding Environmental Protection and Strain Relief

A

Series 77 Full Nelson Shrink Boots

Heat 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

All Series 77 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.



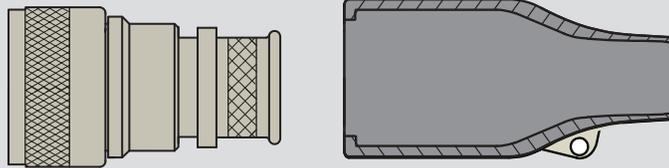
Expanded Right Angle Boot

Recovered Boots

Application of heat restores the boot to its original dimensions.

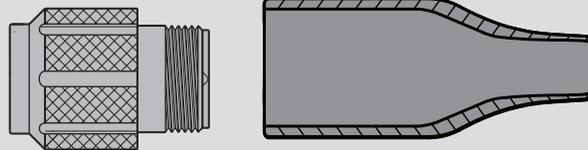


Recovered Right Angle Boot



Lipped Boots

Lipped boots are designed for use with connector adapters which attach to AS85049 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.

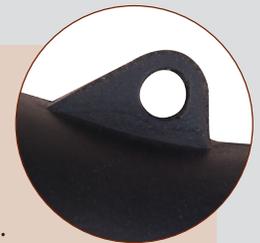


Lipless Boots

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.

Eyelets

Glenair offers standard, short, long and 90° lipped boots with an optional eyelet. Eyelets provide users a convenient way to attach connector accessories—such as lanyards and dust caps—directly to the shrink boot. All eyelets have a nominal .079 (2.0mm) inside diameter in the recovered state.



Available Boot Materials

Shrink boots, and multi-leg transitions are available in all eight materials: **Type 1** high performance elastomer provides improved resistance to heat, oils and fuels and is available in a wide range of colors including desert tan. **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. **Type 5** Viton polymer blend is highly flexible, fluid and temperature resistant. **Type 6** high-performance elastomer meets the SCX1512 specification and is ideal for use in molded shapes that require greater flexibility. **Type 7** flexible polyolefin boasts excellent fluid and solvent resistance, and is ideal for use in military and automotive applications. **Type 8** low outgassing fluoropolymer alloy meets NASA low outgassing test requirements. **Type 9** low temp flexible polyolefin is specifically designed for cables prone to damage from higher installation temperatures encountered with other material types.