

Glenair®

Series 77 Full Nelson Environmental Shrink Boots



Standard Lipped
or Lipless Boots

Transitions

Convoluted
Boots

Outstanding mechanical and environmental protection/strain relief for connector-to-cable transitions

- Standard, short, long and 90° lipped and lipless boots
- Choice of six boot materials and a complete range of high-performance adhesive types
- A wide range of colors including desert tan
- The industry's largest selection of metal and composite shrink boot adapters
- All popular part numbers in stock and ready for same-day shipment

Shrink Boot Adapters Selection Guide



Series 310
Shrink Boot
Adapters

Series 311
EMU/RFI Lamp-Base
Thread/Boot Adapters

Series 319
Shield Sock/Boot
Adapters

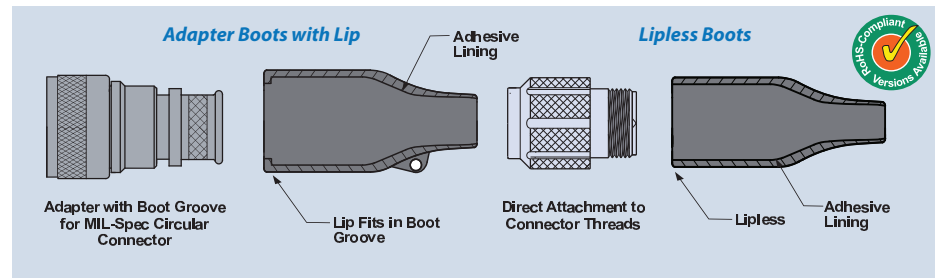
Series 440
Band/Boot
Adapters

SAE-AS85049 QPL
Shrink Boot
Adapters

Composite
Thermoplastic
Band/Boot Adapters

Material Color Options for Type 1 High Performance Elastomer Only Add Optional Color Mod Code to End of Any Type 1 Material Part Number

Mod Code	Color	Similar to (Reference)	Mod Code	Color	Similar to (Reference)
632 B	Blue	PANTONE 3005U	632 R	Red	PANTONE 1797U
632 E	Grey	FED-STD-595; #36270	632 T	Tan	FED-STD-595; #33446
632 G	Green	PANTONE 355U	632 W	White	FED-STD-595; #37875
632 P	Purple	FED-STD-595; #37100	632 Y	Yellow	PANTONE YELLOW U
632 O	Orange	FED-STD-595; #32300	Standard	Black	FED-STD-595; #37038



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Shrink Boot Typical Material Properties

Property	Type 1 High Performance Elastomer	Type 2 Zero Halogen Polyolefin	Type 3 General Purpose Polyolefin	Type 5 Viton® Fluoroelastomer Blend	Type 6 High Performance Elastomer Alloy	Type 7 Flexible Polyolefin
Flexibility	Semi-rigid	Semi-flexible	Flexible	Flexible	Flexible	Highly Flexible
Operating Temperature Range	-75°C to +150°C	-30°C to +135°C	-65°C to +135°C	-55°C to +150°C	-55°C to +135°C	-55°C to +135°C
Shrink Temperature (min.)	135°C	135°C	120°C	135°C	135°C	135°C
Tensile Strength (psi)	1700	1100	1400	2200	1500	1400
Elongation (% min.)	400	250	400	400	300	250
Long Term Heat Aging	3000 hrs, 150°C	3000 hrs, 135°C				
Heat Shock	4 hrs, 215°C	4 hrs, 215°C	4 hrs, 225°C	4 hrs, 225°C	4 hrs, 220°C	4 hrs, 250°C
Heat Aging	168 hrs, 160°C	168 hrs, 160°C	168 hrs, 175°C	168 hrs, 150°C	168 hrs, 150°C	168 hrs, 175°C
Dielectric Strength (V/mil)	300	380	250	200	200	300
Volume Resistivity (ohm-cm)	10 ¹³	10 ¹²	10 ¹²	10 ¹⁰	10 ¹⁰	10 ¹²
Water Absorption (%)	0.5	0.5	0.5	0.5	0.5	0.5
Flammability	Burn Time <15 sec Burn Length <25mm	Burn Time <15 sec Burn Length <25mm	Burn Time <120 sec Burn Length <25mm	Burn Time <120 sec Burn Length <25mm	Burn Time <120 sec Burn Length <25mm	Burn Time <90 sec Burn Length <25mm
RoHS Compliant	Yes	Yes	Yes	Yes	Yes	Yes
Oxygen Index (% min.)		30				
Temperature Index (°C)		250				
Smoke Index (max.)		20				
Toxicity Index (max.)		3				

Series 77 Shrink Boots Product Selection Guide



Lipped Straight Adapter
Shrink Boots

90° Right Angle and 45° Angle
Lipped Adapter Boots

Long Tail Boots

90° Right Angle
Lipless Boots

Convoluted
Boots

"Y" and "T"
Transitions

New! Fast Assembly
Piggyback Boots