

# Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

## 310A\*058 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter



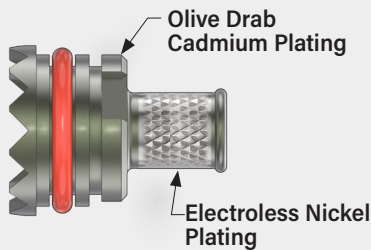
**Self-Locking**

- Pre-installed boot
- 50% faster installation
- Environmental
- Adhesive lined boot
- 3 material options
- "Drop-in" EMI banding adapter

### Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

**FIG. 1: NFS PLATING**



**Banding Adapter with selective NFS plating finish**

### BAND

Terminate cable braid to adapter with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Pre-Coiled Band P/N	Length	Max Dia.
<b>601-061</b>	8.13 (206)	.88 (22.4)
<b>601-065</b>	14.25 (362)	1.80 (45.7)

**Fast installation, shielded, environmental, self-locking.** 310A\*058 "piggyback" shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Use with jacketed, shielded cable. Terminate cable overbraid to EMI banding adapter with optional stainless steel microband. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Shrink boot is factory-installed onto adapter with adhesive and is shrunk onto a mandrel with a diameter equal to the cable entry size. After shrinking, cable end is pre-coated with additional adhesive. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 flexible polyolefin Backshell, coupling nut and drop-in banding adapter are aluminum. Silicone O-ring, polyamide hot melt adhesive.

### PART NUMBER

**310AS058 NF 16 -2 K**

Base P/N	Base Part No.	Profile
	<b>310AS058</b>	<b>S</b> Straight
	<b>310AA058</b>	<b>A</b> 90° Boot
	<b>310AB058</b>	<b>B</b> 45° Boot
Material/Finish	<b>M</b> Alum/ Electroless Nickel	
	<b>MT</b> Alum/ Nickel-PTFE	
	<b>NF</b> Alum/ Olive Drab Cadmium	
	<b>NFS</b> Alum/ Olive Drab Cadmium, Selective (fig. 1)	
	<b>ZR</b> Alum/ Black Zinc-Nickel	
	<b>TZ</b> Alum/ Tin-Zinc	
Shell Size	<b>08 10 12 14 16 18 20 22 24</b>	
Boot Material	<b>-1</b> Type 1 High Performance Semi-Rigid Elastomer	
	<b>-2</b> Type 2 Zero Halogen Semi-Rigid Polyolefin	
	<b>-3</b> Type 3 Flexible Polyolefin	
Band	<i>Omit if not required</i>	
	<b>K</b> Pre-Coiled MicroBand included With Backshell	

### SHRINK BOOT MATERIAL SELECTION GUIDE

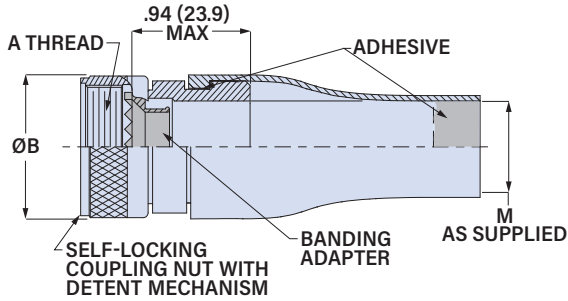
	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
<b>Material</b>	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
<b>Resistance to Fuels, Oils</b>	Excellent	Very Good	Good
<b>Adhesive Type</b>	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
<b>Continuous Operating Temp.</b>	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
<b>Low Smoke/Zero Halogen</b>	No	Yes	No
<b>SAE Material Type</b>	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

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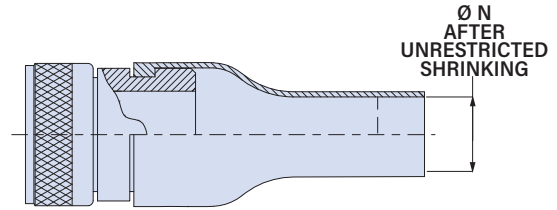
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As Supplied

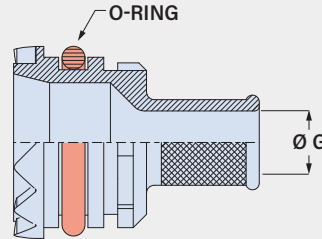


After Shrinking



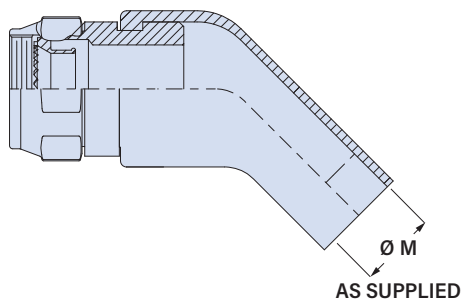
Shell Size	A Thread Class 2B	Ø B Max		Ø M Min		Ø N Max	
		in	mm	in	mm	in	mm
08	0.500-20 UNF	.69	17.5	.250	6.4	.197	5.0
10	0.625-24 UNEF	.82	20.8	.355	9.0	.197	5.0
12	0.750-20 UNEF	.94	23.8	.491	12.5	.236	6.0
14	0.875-20 UNEF	1.06	26.9	.565	14.4	.236	6.0
16	1.000-20 UNEF	1.17	29.7	.690	17.5	.276	7.0
18	1.0625-18 UNEF	1.46	37.1	.769	19.5	.335	8.5
20	1.1875-18 UNEF	1.60	40.6	.894	22.7	.394	10.0
22	1.3125-18 UNEF	1.70	43.2	1.019	25.9	.394	10.0
24	1.4375-18 UNEF	1.84	46.7	1.134	28.8	.591	15.0

### BANDING ADAPTER



Shell Size	G Dia.	
	± .015 (0.4) in	mm
08	.160	4.1
10	.270	6.9
12	.390	9.9
14	.512	13.0
16	.610	15.5
18	.672	17.1
20	.797	20.2
22	.922	23.4
24	1.047	26.6

45°



90°

