

Backshells and Accessories

770-003S Heatshrink Boot

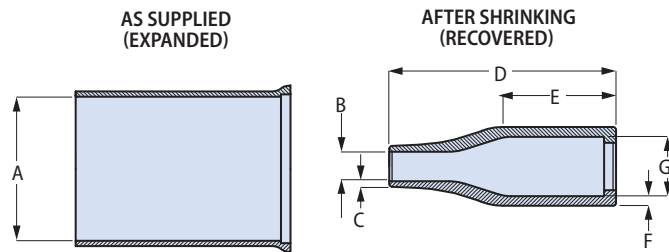
BACKSHELLS AND ACCESSORIES



- Lipped straight boot
- Hi-Performance Elastomer or LSZH polyolefin

770-003S heatshrink boot provides strain relief and environmental protection. Shape-memory polymer returns to as-molded shape when heat is applied. Boot has “lip” to fit into adapter boot groove. Semi-rigid high performance elastomer or non-halogenated flame-retardant polyolefin for use where limited fire hazard is required.

HOW TO ORDER					
Sample Part Number →		770-003S	1	06	W1
Basic Number	770-003S = Heatshrink Boot, Lipped, Straight				
Material	1 = Type 1: High Performance Elastomer, Semi-Rigid 2 = Type 2: Low Smoke, Zero Halogen Polyolefin				
Boot Size	See Table				
Adhesive Lining	Omit for no adhesive lining W1 = Hot Melt Adhesive R = Epoxy Pre-Coat (for Type 1 Material only)				



MATERIAL SELECTION GUIDE

Type 1 High Performance Elastomer

-75 to +150 °C. Semi-rigid high performance elastomer combines excellent resistance to fuels, oils and solvents with superior performance at extreme temperatures. Material meets the requirements of VG95343 Type 6, BSG 198-5-DE, EN62329-102 and SAE AS5258 Type H. These boots are recommended for demanding applications such as military vehicles and petrochemical exploration.

Type 2 LSZH Polyolefin

-30 to +135 °C. Low Smoke Zero Halogen (LSZH) polyolefin boots meet low smoke and toxicity requirements of shipboard, transit and aircraft systems. Oxygen index greater than 30%, smoke index less than 20, and toxicity index under 3 per 100 grams. Material meets requirements of NAVSEA 5617649, VG95343 Part 29, BSG 198-5-DF, EN62329-101 and SAE AS5258 Type G. Good resistance to oils, fuels and solvents.

DIMENSIONS

Boot Size	A Min.		B Max.		C ± 20%		D ± 10%		E Ref.		F ± 30%		G Max.	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
01	.472	12.0	.118	3.0	.028	0.7	.984	25.0	.551	14.0	.043	1.1	.276	7.0
02	.669	17.0	.138	3.5	.028	0.7	1.181	30.0	.728	18.5	.051	1.3	.276	7.0
03	.945	24.0	.197	5.0	.035	0.9	1.496	38.0	.748	19.0	.063	1.6	.413	10.5
04	1.181	30.0	.236	6.0	.039	1.0	2.165	55.0	1.181	30.0	.071	1.8	.551	14.0
05	1.260	32.0	.276	7.0	.047	1.2	2.638	67.0	1.299	33.0	.071	1.8	.709	18.0
06	1.417	36.0	.335	8.5	.047	1.2	3.150	80.0	1.575	40.0	.079	2.0	.866	22.0
07	1.693	43.0	.394	10.0	.051	1.3	3.898	99.0	2.165	55.0	.087	2.2	1.102	28.0
08	2.362	60.0	.591	15.0	.063	1.6	5.118	130.0	1.969	50.0	.130	3.3	1.378	35.0
09	2.599	66.0	.661	16.8	.079	2.0	6.693	170.0	3.543	90.0	.150	3.8	1.752	44.5
10	3.400	86.4	1.060	26.9	.130	3.3	7.700	195.6	4.005	102.0	.160	4.1	2.250	57.2

PRECOAT ADHESIVE

W1 Hot Melt Pre-Coat

Low Smoke Zero halogen (LSZH) polyamide hot melt adhesive pre-coat. Bonds well to a variety of substrates. Good creep resistance at elevated temperatures. Excellent bond strength at low temperature. Good resistance to fuels and oils. -55 to +125 °C. Compatible with Type 1 and Type 2 materials.

R Epoxy Pre-Coat

Use with Type 1 material only
Glenair's highest performance pre-coated adhesive. The material requires careful installation using trained operators. -75 to 150 °C. Withstands prolonged high temperature immersion in fuels and oils. Excellent peel adhesion on a wide range of materials.



Series 77 “Full Nelson” Shrink Boot Catalog has additional boot styles, technical information, installation instructions and other heatshrink products. Contact Glenair or go to www.glenair.com.

USER-INSTALLED BOOT ADHESIVE

Glenair recommends user-installed Type U two-part epoxy adhesive. User-installed adhesive is faster/easier to install and has superior performance compared to pre-coated boots. Pre-coated boots require additional care to install because the boot must be heated sufficiently to activate the epoxy, at the risk of overheating the overall assembly. A single 50 ml duo syringe can coat many boots and can be re-capped for later re-use.



Part Number **779-001**

High performance flexible two part thermoset epoxy provides high strength flexible bond from -55 to 150 °C. 50 ml duo syringe fits standard dispensing guns. Use with square green mixing nozzle sold separately. 12 hour cure time at 20 °C, 1 hour at 85 °C, 30 minutes at 150 °C. Apply to inside of boot with wooden spatula. 18 month shelf life. Meets VG95343 part 15.



Part Number **779-002**

Twin push-rod 1:1 ratio epoxy dispensing gun for use with duo syringe epoxy and mixing nozzle sold separately. Durable heavy-duty plastic. Gun type hand grip with ratcheting trigger.



Part Number **779-003**

1:1 ratio mixing nozzle attaches to duo syringe with 1/2 turn and locks into place. Nozzle provides consistent mixing of resin and hardener. Kit consists of (12) nozzles.