

MIL-DTL-38999 Series I Type 770-003S Lipped, straight shrink boots, without eyelet



FEATURES

- Lipped, straight shrink boots, no eyelet, provide mechanical and environmental protection from damage and debris.
- Standard boots are available in eight material options with five adhesive choices.
- Glenair straight boots fit SuperNine series connectors with integral band/boot platforms and compatible backshell adapters.
- All adhesive lined and unlined shrink boots are RoHS compliant. Shrink boots are water-tight when equipped with factory installed or user-installed adhesive.
- Lipped boots lock into boot groove located on adapter and can be ordered with potting holes or drain holes according to your requirements.
- Choose boot size based on adapter diameter and cable diameter.

NOTES

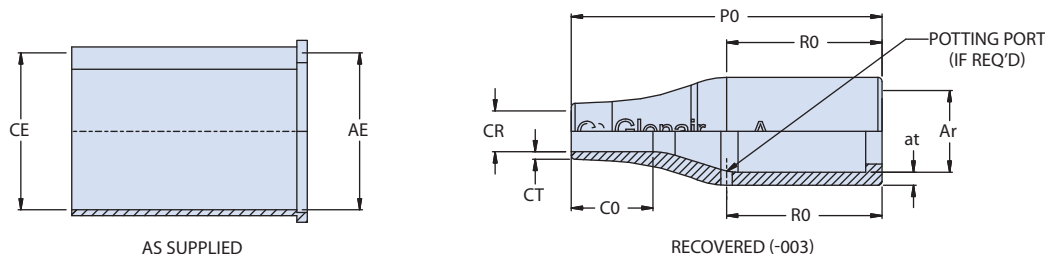
1. See **Modification Codes** listed in Section A for material color options available for **Type 1 (compound 2025)** material.

How to Order									
Sample Part Number		770	-003	S	1	03	W1	-PP	
Product Series	770 = Series 77 shrink boot								
Basic Number	003 = lipped boot								
Angular Function	S = straight								
Material	See material and adhesives table								
Boot Size	00S, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12; see shell size cross reference in dimensions table								
Adhesive Lined	Omit for no adhesive; see material and adhesives table								
Potting Ports or Drain Holes	PP = potting port DH = drain hole Omit for none								

Material and Adhesive Compatibility						
Material Code	Material Description (Compound No.)	Hot Melt Adhesives			High Performance Epoxy Adhesives	
		W1	W2	W3 (TACOM approved)	R	U
		High Temperature -55°C to 125°C	Standard -55°C to 70°C	Elastomeric -55°C to 125°C	Pre-Coat -75°C to 150°C	Two-Part -75°C to 155°C
1	High-Performance Semi-Rigid Elastomer (2025)	●	●		●	Type U epoxy adhesive is compatible with all boot materials. Ordered separately, user-installed (779-001). Order boot with no adhesive lining.
2	Zero Halogen Semi-Rigid Polyolefin (2010)	●	●		●	
3	General Purpose Flexible Polyolefin (2040)		●			
5	Viton Fluoroelastomer Blend (2050)	●		●	●	
6	High Performance Elastomer Alloy (2051)	●		●		
7	Semi-Rigid Polyolefin (2071)	●	●			
8	Low Outgassing Fluoropolymer Alloy (2008)	Material Type 8 not available with pre-coat adhesive. Use Type U two-part epoxy				
9	Low Temp Flexible Polyolefin (2013)		●			

MIL-DTL-38999 Series I Type
770-003S Lipped, straight shrink boots, without eyelet

Lipped Straight Adapter Shrink Boots, Standard: Dimensions



770-003 Dimensions Table												
Boot Size	Glenair Us Part Marking	AS85049 /140 Ref	Shell Size	Ae DIA MIN	Ce DIA MIN	Ar DIA MAX	at ±30%	Cr DIA MAX	ct ±20%	CO REF	PO ±10%	RO REF
00S	00S		5	.354 (9.0)	.354 (9.0)	.217 (5.5)	.039 (1.0)	.079 (2.0)	.028 (0.7)	.295 (7.5)	.630 Max (16)	.385 (9.8)
00	S00		5	.354 (9.0)	.354 (9.0)	.217 (5.5)	.039 (1.0)	.079 (2.0)	.028 (0.7)	.295 (7.5)	.984 (25.0)	.551 (14.0)
01	S01		5,6	.472 (12.0)	.472 (12.0)	.276 (7.0)	.043 (1.1)	.118 (3.0)	.028 (0.7)	.295 (7.5)	.984 (25.0)	.551 (14.0)
02	S02		6,7	.669 (17.0)	.669 (17.0)	.276 (7.0)	.051 (1.3)	.138 (3.5)	.028 (0.7)	.394 (10.0)	1.181 (30.0)	.728 (18.5)
03	S03	01	8,10	.945 (24.0)	.945 (24.0)	.413 (10.5)	.063 (1.6)	.197 (5.0)	.035 (0.9)	.394 (10.0)	1.496 (38.0)	.748 (19.0)
04	S04	02	11-16	1.181 (30.0)	1.181 (30.0)	.551 (14.0)	.071 (1.8)	.236 (6.0)	.039 (1.0)	.630 (16.0)	2.165 (55.0)	1.181 (30.0)
05	S05	03	16-17	1.260 (32.0)	1.260 (32.0)	.709 (18.0)	.071 (1.8)	.276 (7.0)	.047 (1.2)	.748 (19.0)	2.638 (67.0)	1.299 (33.0)
06	S06	04	17-21	1.417 (36.0)	1.417 (36.0)	.866 (22.0)	.079 (2.0)	.335 (8.5)	.047 (1.2)	.787 (20.0)	3.150 (80.0)	1.575 (40.0)
07	S07	05	21-23	1.693 (43.0)	1.693 (43.0)	1.102 (28.0)	.087 (2.2)	.394 (10.0)	.051 (1.3)	1.142 (29.0)	3.898 (99.0)	2.165 (55.0)
08	S08	06	25	2.362 (60.0)	2.362 (60.0)	1.378 (35.0)	.130 (3.3)	.591 (15.0)	.063 (1.6)	1.575 (40.0)	5.118 (130.0)	1.969 (50.0)
09	S09	07		2.599 (66.0)	2.599 (66.0)	1.752 (44.5)	.150 (3.8)	.661 (16.8)	.079 (2.0)	2.283 (58.0)	6.693 (170.0)	3.543 (90.0)
10	S10	08		3.400 (86.4)	3.400 (86.4)	2.250 (57.2)	.160 (4.1)	1.06 (26.9)	.130 (3.3)	2.068 (52.5)	7.700 (195.6)	4.005 (102.0)
11	S11		5,6	.472 (12.0)	.472 (12.0)	.276 (7.0)	.043 (1.1)	.093 (2.4)	.028 (0.7)	.354 (9.0)	1.417 (36.0)	.750 (19.1)
12	S12		6,7	.669 (17.0)	.669 (17.0)	.375 (9.5)	.051 (1.3)	.187 (4.7)	.028 (0.7)	.394 (10.0)	1.496 (38.0)	.750 (19.1)

For materials Type 2, Type 3 and Type 9, dimension 'Ce' is nominal

Lipped Straight Shrink Boots: Part Marking, Raised Lettering

