

Series 77 Shrink Boots Straight Lipped Adapter Boots, High Ratio How To Order

Lipped Straight Shrink Boots, High Ratio



Straight lipped high ratio boots are used when the cable or wire bundle is much smaller diameter than the adapter. Choose Type 1 high performance elastomer for extreme temperatures and excellent resistance to fuels and oils, Type 2 non-halogenated flame-retardant polyolefin for use where limited fire hazard is required, or choose Type 3 general purpose polyolefin for use where occasional exposure to heat and chemicals may occur.

Table 1: Boot Size Selection Guide

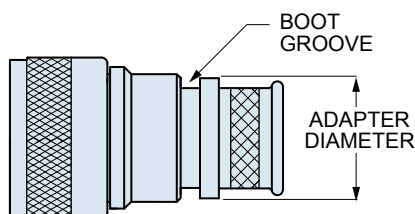
Boot Size	Adapter Diameter				Min. Cable Diameter	
	Inches		Millimeters			
	Min	Max	Min	Max	In.	mm.
03	.525	.750	13.34	19.05	.100	2.54
04	.775	.950	19.69	24.13	.125	3.18
06	1.050	1.300	26.67	33.02	.150	3.81
07	1.375	1.650	34.93	41.91	.170	4.32

Table 2: Material Selection Guide

Attribute	Type 1 High Performance Semi-Rigid Elastomer	Type 2 Zero Halogen Semi-Rigid Polyolefin	Type 3 General Purpose Flexible Polyolefin
Continuous Operating Temperature	-75° to +150°C	-30° to +125°C	-55° to +135°C
Resistance to Fuels, Oils, and Fluids	Excellent	Very Good	Good
Flammability	Self-Extinguishing <15 Sec.	Self-Extinguishing <15 Sec.	Self-Extinguishing <120 Sec.
Low Temperature Flexibility	-70°C	-30°C	-55°C
Low Toxicity, Zero Halogen	No	Yes	No

Table 3: Pre-Coated Boots Adhesive Information

Attribute	W2 Standard Hot Melt Adhesive	W1 High Temperature Hot Melt Adhesive	R High Performance Epoxy Adhesive
Boot Material Compatibility	Types 1, 2 and 3	Types 1, 2 and 3	Type 1
Continuous Operating Temp.	-40° to +80°C	-55° to +105°C	-75° to +150°C
Resistance to Fuels, Oils, and Fluids	Good	Good	Excellent
Low Toxicity, Zero Halogen	Yes	Yes	Yes



Lipped Straight High Ratio Boots- Type I High Performance Elastomer

- **-75° C to +150° C**
- **Excellent resistance to fuels, oils, solvents and heat.**

Straight lipped high ratio boots are used when the cable or wire bundle is much smaller diameter than the adapter. Semi-rigid high performance material combines excellent resistance to fuels, oils and solvents with superior performance at extreme temperatures. Rated for 3000 hours continuous operation at +150° C, these boots fit most standard boot adapters for circular connectors. 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.



Boot Size	Part Number			
	No Adhesive Lining	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive	Pre-Coated with W2 Standard Hot-Melt Adhesive	Pre-Coated with R Epoxy Adhesive
03	770-007S103	770-007S103W1	770-007S103W2	770-007S103R
04	770-007S104	770-007S104W1	770-007S104W2	770-007S104R
06	770-007S106	770-007S106W1	770-007S106W2	770-007S106R
07	770-007S107	770-007S107W1	770-007S107W2	770-007S107R

Dimensions in inches (millimeters) and are subject to change without notice.

Series 77 Shrink Boots Straight Lipped Adapter Boots, High Ratio How To Order



Lipped Straight High Ratio Shrink Boots

- **Low Smoke, Zero Halogen**
- **Meets U.S. and E.U. toxicity requirements.**
- **-30° C to +125° C**

Straight lipped high ratio boots are used when the cable or wire bundle is much smaller diameter than the adapter. Halogen-free semi-flexible polyolefin meets low smoke and toxicity requirements of shipboard, transit and aircraft systems. These Low Smoke/Zero Halogen (LSZH) boots fit most standard shrink boot adapters, including AS5258 types along with Glenair Series 31 and Series 44 adapters. 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. Available with high temperature hot melt adhesive lining, these boots provide strain relief and environmental protection to connector/cable transitions. Temperature rating -30° to +125° C. Black color.



Boot Size	Part Number		
	No Adhesive Lining	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive	Pre-Coated with W2 Standard Hot-Melt Adhesive
03	770-007S203	770-007S203W1	770-007S203W2
04	770-007S204	770-007S204W1	770-007S204W2
06	770-007S206	770-007S206W1	770-007S206W2
07	770-007S207	770-007S207W1	770-007S207W2

Lipped Straight High Ratio Boots- Type 3 Polyolefin, Flexible

- **General purpose harnessing**
- **Economical, flexible**
- **-55° C to +135° C**

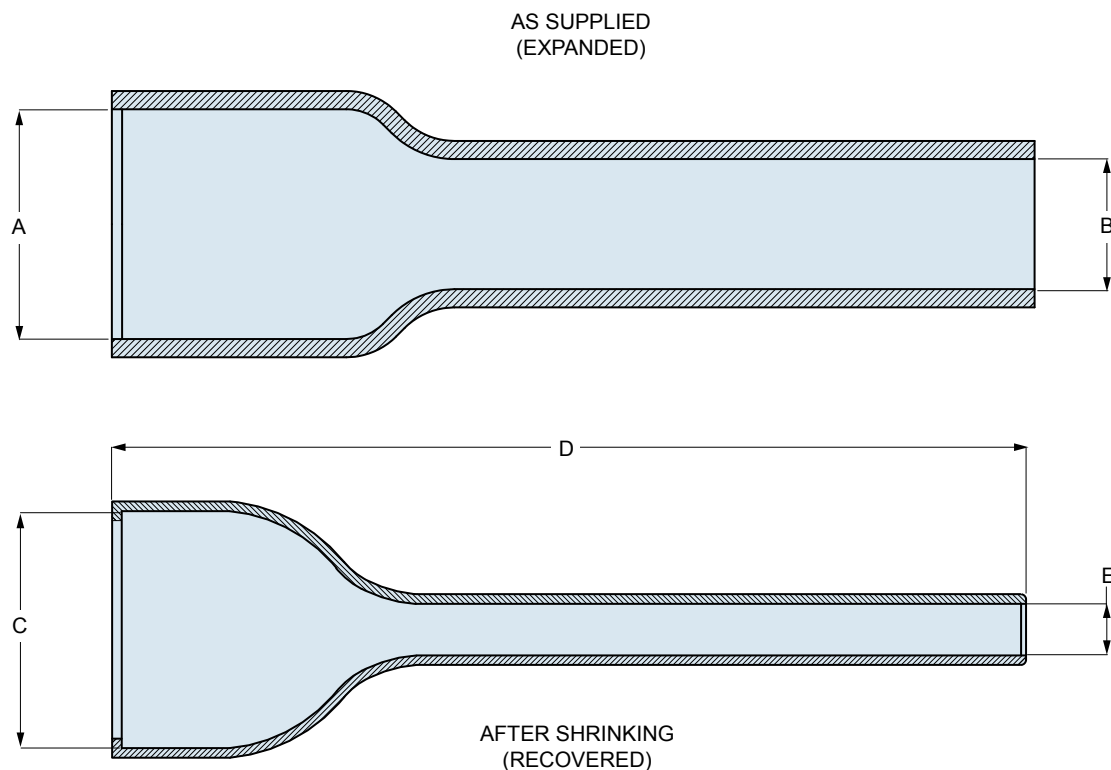
Straight lipped high ratio boots are used when the cable or wire bundle is much smaller diameter than the adapter. Economical flexible polyolefin boots fit standard M85049 shrink boot adapters, Glenair Series 31 and Series 44 adapters. These self-extinguishing boots meet the requirements of SAE AS81765/1 Type II. Good resistance to oils and fuels. Available with optional hot melt adhesive lining, these boots provide strain relief and environmental protection to connector/cable transitions. Temperature rating -55° to +135° C. Black color.



Boot Size	Part Number		
	No Adhesive Lining	Pre-Coated with W2 Standard Hot-Melt Adhesive	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive
03	770-007S303	770-007S303W2	770-007S303W1
04	770-007S304	770-007S304W2	770-007S304W1
06	770-007S306	770-007S306W2	770-007S306W1
07	770-007S307	770-007S307W2	770-007S307W1

Dimensions in inches (millimeters) and are subject to change without notice.

Lipped Straight High Ratio Shrink Boots- Dimensions



Boot Size	A Min.		B Max.		C Max.		D ± 10%		E Max.	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
03	.760	19.30	.252	6.40	.512	13.00	2.370	60.2	.083	2.10
04	1.031	26.20	.299	7.60	.752	19.10	2.921	74.2	.102	2.60
06	1.350	34.30	.382	9.70	1.024	26.00	3.319	84.3	.122	3.10
07	1.720	43.70	.449	11.40	1.343	34.10	3.921	99.6	.142	3.60

Dimensions in inches (millimeters) and are subject to change without notice.