

Series 77 Shrink Boots Right Angle Lipped Adapter Boots How To Order



Lipped Right Angle Shrink Boots



Right angle boots with lip for attachment to standard circular connector adapters. After shrinking, the boot lip locks into adapter groove. Eyelet hole allows attachment of dust caps or protective covers. 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		In.	mm.
02	.350	.625	8.89	15.88	.175	4.45
03	.450	.850	11.43	21.59	.225	5.72
04	.575	1.000	14.61	25.40	.250	6.35
05	.750	1.200	19.05	30.48	.300	7.62
06	.950	1.350	24.13	34.29	.375	9.53
07	1.150	1.600	29.21	40.64	.425	10.80
08	1.600	2.000	40.60	50.80	.650	16.50
09	1.780	2.550	45.20	64.80	.700	17.80

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

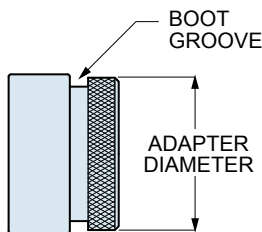


Table 3: Pre-Coated Boots Adhesive Information

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 Right Angle Boots- Type I High Performance Elastomer

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

Semi-rigid high performance boots combine 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. Black color.

Boot Size	Part Number with Eyelet				Part Number without Eyelet			
	No Adhesive Lining	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive	Pre-Coated with W2 Standard Hot-Melt	Pre-Coated with R Epoxy Adhesive	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
02	—	—	—	—	770-003A102	770-003A102W1	770-003A102W2	770-003A102R
03	770-001A103	770-001A103W1	770-001A103W2	770-001A103R	770-003A103	770-003A103W1	770-003A103W2	770-003A103R
04	770-001A104	770-001A104W1	770-001A104W2	770-001A104R	770-003A104	770-003A104W1	770-003A104W2	770-003A104R
05	770-001A105	770-001A105W1	770-001A105W2	770-001A105R	770-003A105	770-003A105W1	770-003A105W2	770-003A105R
06	770-001A106	770-001A106W1	770-001A106W2	770-001A106R	770-003A106	770-003A106W1	770-003A106W2	770-003A106R
07	770-001A107	770-001A107W1	770-001A107W2	770-001A107R	770-003A107	770-003A107W1	770-003A107W2	770-003A107R
08	770-001A108	770-001A108W1	770-001A108W2	770-001A108R	770-003A108	770-003A108W1	770-003A108W2	770-003A108R
09	770-001A109	770-001A109W1	770-001A109W2	770-001A109R	770-003A109	770-003A109W1	770-003A109W2	770-003A109R

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

Series 77 Shrink Boots Right Angle Lipped Adapter Boots How To Order

Lipped Right Angle Shrink Boots- Type 2 Zero Halogen, Semi-Rigid

- *Low Smoke, Zero Halogen*
- *Meets U.S. and E.U. toxicity requirements.*

Halogen-free polyolefin boots meet 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 M85049 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 epoxy or 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 with Eyelet			Part Number without Eyelet		
	No Adhesive Lining	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive	Pre-Coated with W2 Standard Hot-Melt Adhesive	No Adhesive Lining	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive	Pre-Coated with W2 Standard Hot-Melt Adhesive
02	—	—	—	770-003A202	770-003A202W1	770-003S202W2
03	770-001A203	770-001A203W1	770-001S203W2	770-003A203	770-003A203W1	770-003S203W2
04	770-001A204	770-001A204W1	770-001S204W2	770-003A204	770-003A204W1	770-003S204W2
05	770-001A205	770-001A205W1	770-001S205W2	770-003A205	770-003A205W1	770-003S205W2
06	770-001A206	770-001A206W1	770-001S206W2	770-003A206	770-003A206W1	770-003S206W2
07	770-001A207	770-001A207W1	770-001S207W2	770-003A207	770-003A207W1	770-003S207W2
08	770-001A208	770-001A208W1	770-001S208W2	770-003A208	770-003A208W1	770-003S208W2
09	770-001A209	770-001A209W1	770-001S209W2	770-003A209	770-003A209W1	770-003S209W2

Lipped Right Angle Boots- Type 3 Polyolefin, Flexible

- *General purpose harnessing*
- *Economical, flexible*

Economical flexible lipped polyolefin boots for attachment to connector 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 with Eyelet			Part Number without Eyelet		
	No Adhesive Lining	Pre-Coated with W2 Standard Hot-Melt Adhesive	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive	No Adhesive Lining	Pre-Coated with W2 Standard Hot-Melt Adhesive	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive
02	—	—	—	770-003A302	770-003A302W2	770-003A302W1
03	770-001A303	770-001A303W2	770-001A303W1	770-003A303	770-003A303W2	770-003A303W1
04	770-001A304	770-001A304W2	770-001A304W1	770-003A304	770-003A304W2	770-003A304W1
05	770-001A305	770-001A305W2	770-001A305W1	770-003A305	770-003A305W2	770-003A305W1
06	770-001A306	770-001A306W2	770-001A306W1	770-003A306	770-003A306W2	770-003A306W1
07	770-001A307	770-001A307W2	770-001A307W1	770-003A307	770-003A307W2	770-003A307W1
08	770-001A308	770-001A308W2	770-001A308W1	770-003A308	770-003A308W2	770-003A308W1
09	770-001A309	770-001A309W2	770-001A309W1	770-003A309	770-003A309W2	770-003A309W1

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