

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

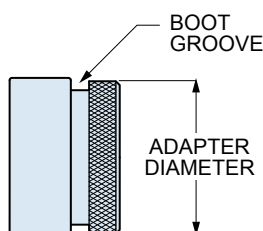


Table 2: Material Selection Guide

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	Type 3	Types 1, 2 and 3	Type 1
Continuous Operating Temp.	-40° to +70°C	-55° to +105°C	-75° to +150°C
Resistance to Fuels, Oils, and Fluids	Good	Good	Excellent
Low Toxicity, Zero Halogen	No	Yes	No

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 R Epoxy Adhesive	No Adhesive Lining	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive	Pre-Coated with R Epoxy Adhesive
02	—	—	—	770-003A102	770-003A102W1	770-003A102R
03	770-001A103	770-001A103W1	770-001A103R	770-003A103	770-003A103W1	770-003A103R
04	770-001A104	770-001A104W1	770-001A104R	770-003A104	770-003A104W1	770-003A104R
05	770-001A105	770-001A105W1	770-001A105R	770-003A105	770-003A105W1	770-003A105R
06	770-001A106	770-001A106W1	770-001A106R	770-003A106	770-003A106W1	770-003A106R
07	770-001A107	770-001A107W1	770-001A107R	770-003A107	770-003A107W1	770-003A107R

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

CAGE Code 06324

Printed in U.S.A.

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Rev. 19-JUNE-2009



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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	No Adhesive Lining	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive
02	—	—	770-003A202	770-003A202W1
03	770-001A203	770-001A203W1	770-003A203	770-003A203W1
04	770-001A204	770-001A204W1	770-003A204	770-003A204W1
05	770-001A205	770-001A205W1	770-003A205	770-003A205W1
06	770-001A206	770-001A206W1	770-003A206	770-003A206W1
07	770-001A207	770-001A207W1	770-003A207	770-003A207W1

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.

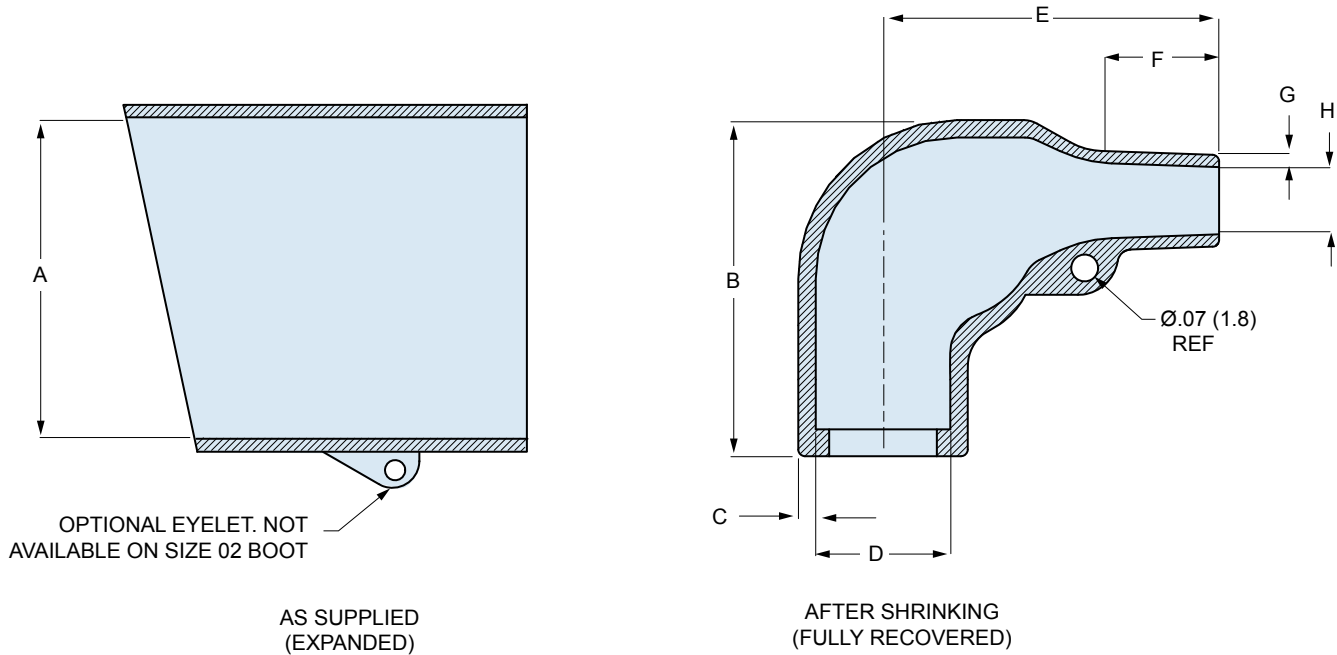


Boot Size	Part Number with Eyelet			Part Number without Eyelet		
	No Adhesive Lining	Pre-Coated with W2 Hot-Melt Adhesive	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive	No Adhesive Lining	Pre-Coated with W2 Hot-Melt Adhesive	Pre-Coated with W1 Hi-Temp Hot-Melt Adhesive
02	—	—	—	770-003A302	770-003A302W2	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

Series 77 Shrink Boots Right Angle Lipped Adapter Boots Dimensions



Lipped Right Angle Shrink Boots- Dimensions



Boot Size	A Min.		B Ref.		C $\pm 30\%$		D Max.		E $\pm 20\%$		F Ref.		G $\pm 20\%$		H Max.	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
02	.669	17.0	.787	20.0	.051	1.3	.315	8.0	.787	20.0	.276	7.0	.028	0.7	.138	3.5
03	.945	24.0	.984	25.0	.063	1.6	.394	10.0	.984	25.0	.394	10.0	.035	0.9	.197	5.0
04	1.181	30.0	1.063	27.0	.071	1.8	.532	13.5	1.260	32.0	.472	12.0	.039	1.0	.217	5.5
05	1.260	32.0	1.260	32.0	.071	1.8	.709	18.0	1.535	39.0	.591	15.0	.047	1.2	.276	7.0
06	1.417	36.0	1.496	38.0	.079	2.0	.886	22.5	1.929	49.0	.630	16.0	.047	1.2	.335	8.5
07	1.693	43.0	1.850	47.0	.087	2.2	1.102	28.0	2.165	55.0	.709	18.0	.059	1.5	.394	10.0

Lipped Right Angle Shrink Boots- Part Marking, Raised Lettering

