



SERIES 77

Lipped, Straight Shrink Boots

770-022C Convoluted Boot

How to Order



Straight Boots



Lipped, convoluted straight heat shrink boots provide mechanical and environmental protection from damage and debris. Convoluted shrink boots have the added advantage of conforming to any angle from straight to 90°. These shrink boots fit most standard boot adapters for circular connectors. 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. Choose boot size based on adapter diameter and cable diameter.

C

| How to Order | | | | | | |
|--------------------|--|-----|------|---|---|-------|
| Sample Part Number | | 770 | -022 | C | 1 | 03 W1 |
| Product Series | 770 = Series 77 shrink boot | | | | | |
| Basic Number | 022 = lipped boot | | | | | |
| Boot Style | C = convoluted | | | | | |
| Material | See material and adhesives table | | | | | |
| Boot Size | 00, 01, 02, 03, 04, 05, 06; see dimensions table | | | | | |
| Adhesive Lined | Omit for no adhesive; see material and adhesives table | | | | | |

| 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) | | ● | | | |

NOTES

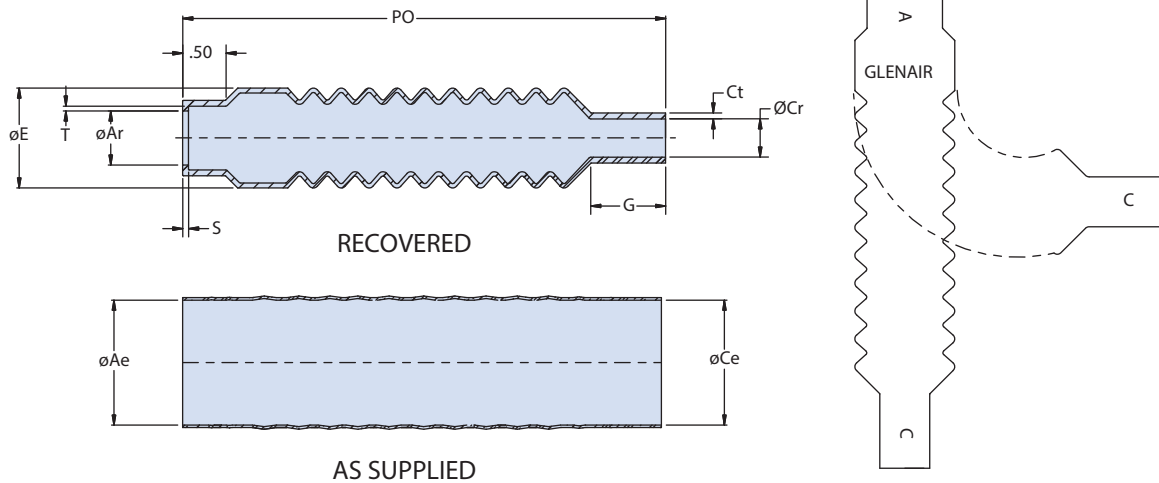
- See **Modification Codes** listed in Section A for material color options available for **Type 1 (compound 2025)** material.



SERIES 77 Lipped, Straight Shrink Boots 770-022C Convoluted Boot Dimensions



Lipped Convoluted Adapter Shrink Boots: Dimensions



| Dimensions | | | | | | | | | | | |
|------------|----------|---|----------------------|----------------------|-----------------------|---------------|--------------|--------------|-------------|-------------|-------------|
| Boot Size | Part No. | Ae Dia. Min Expanded | Ar Dia Max Recovered | Ce Dia. Min Expanded | Cr Dia. Max Recovered | PO ±10% | E Max | G ±10% | S ±.010 | T ±.010 | Ct Min |
| 00 | C00 | .500 (12.7) | .200 (5.1) | .500 (12.7) | .125 (3.2) | 4.450 (113.0) | .715 (18.2) | .620 (15.7) | .040 (1.02) | .045 (1.14) | .013 (0.33) |
| 01 | C01 | .690 (17.5) | .272 (6.9) | .560 (14.2) | .189 (4.8) | 4.750 (120.7) | .830 (21.1) | .690 (17.5) | .040 (1.02) | .050 (1.27) | .013 (0.33) |
| 02 | C02 | 1.040 (26.4) | .461 (11.7) | 1.040 (26.4) | .319 (8.1) | 5.250 (133.4) | 1.050 (26.7) | .780 (19.8) | .060 (1.52) | .050 (1.27) | .018 (0.46) |
| 03 | C03 | 1.500 (38.1) | .689 (17.5) | 1.500 (38.1) | .500 (12.7) | 5.750 (146.1) | 1.290 (32.8) | .880 (22.4) | .070 (1.78) | .050 (1.27) | .020 (0.51) |
| 04 | C04 | 1.880 (47.8) | .882 (22.4) | 1.880 (47.8) | .689 (17.5) | 6.250 (158.8) | 1.490 (37.8) | 1.000 (25.4) | .070 (1.78) | .050 (1.27) | .024 (0.61) |
| 05 | C05 | 2.160 (54.9) | 1.098 (27.9) | 2.160 (54.9) | .882 (22.4) | 6.750 (171.5) | 1.690 (42.9) | 1.120 (28.4) | .070 (1.78) | .080 (2.03) | .024 (0.61) |
| 06 | C06 | 2.250 (57.2) 3.040 (77.2) Type 7 only | 1.598 (40.6) | 2.250 (57.2) | .902 (22.9) | 9.300 (236.2) | 2.450 (62.2) | 1.380 (35.1) | .080 (2.03) | .080 (2.03) | .026 (0.66) |

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

Lipped Straight Shrink Boots: Part Marking, Raised Lettering

