

# Series 77 Straight Shrink Boot Heat Shrink Molded Part

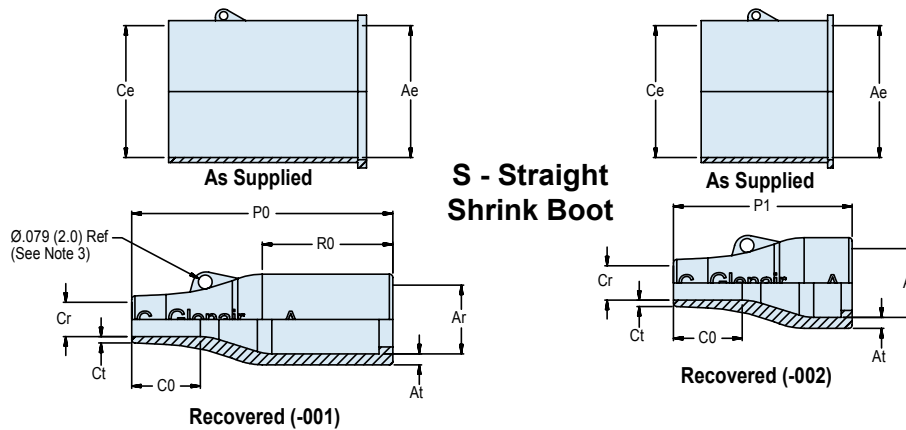
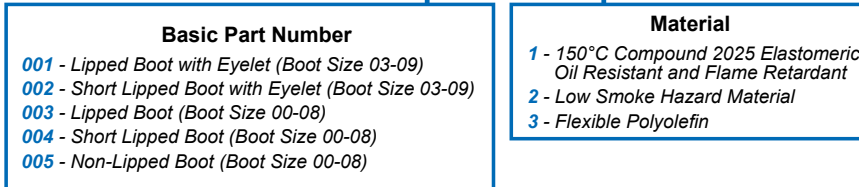
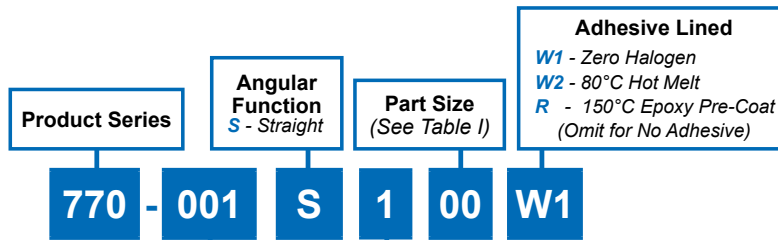


TABLE I: STRAIGHT BOOT DIMENSIONS, BOOT AND SHELL SIZE

| Boot Size | Shell Size | Ae Dia Min   | Ce Dia Min   | Ar Dia Max   | at ±30%    | Cr Dia Max  | ct ±20%    | C0 Ref       | P0 ±10%       | P1 ±10%       | R0 Ref       |
|-----------|------------|--------------|--------------|--------------|------------|-------------|------------|--------------|---------------|---------------|--------------|
| 00        | 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)   | N/A           | .551 (14.0)  |
| 01        | 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)   | N/A           | .551 (14.0)  |
| 02        | 6, 7       | .669 (17.0)  | .669 (17.0)  | .276 (7.0)   | .051 (1.3) | .138 (3.5)  | .028 (0.7) | .395 (10.0)  | 1.181 (30.0)  | N/A           | .728 (18.5)  |
| 03        | 8, 10      | .945 (24.0)  | .945 (24.0)  | .413 (10.5)  | .063 (1.6) | .197 (5.5)  | .035 (0.9) | .395 (10.0)  | 1.496 (38.0)  | 1.024 (26.0)  | .748 (19.0)  |
| 04        | 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)  | 1.693 (43.0)  | 1.181 (30.0) |
| 05        | 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)  | 1.850 (47.0)  | 1.299 (33.0) |
| 06        | 17-21      | 1.417 (36.0) | 1.417 (36.0) | .886 (22.0)  | .079 (2.0) | .335 (8.5)  | .047 (1.2) | .787 (20.0)  | 3.150 (80.0)  | 2.362 (60.0)  | 1.575 (40.0) |
| 07        | 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)  | 3.150 (80.0)  | 2.165 (55.0) |
| 08        | 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) | 4.331 (110.0) | 1.969 (50.0) |

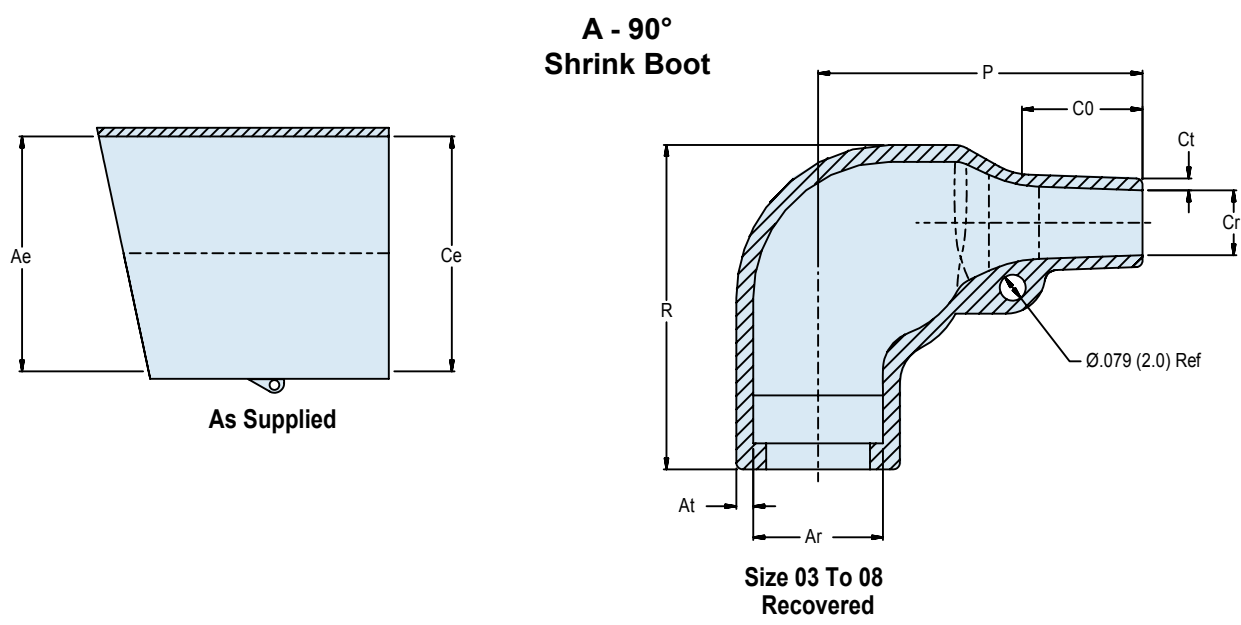
## APPLICATION NOTES

1. Material: Fluid resistant elastomer - Glenair Material Type 1.
2. When the minimum number of conductors are used, wire bundle/cable may require build-up to B<sup>2</sup> max.
3. Sizes 00 to 02 do not contain eyelet.



# Series 77 90° Shrink Boot Heat Shrink Molded Part

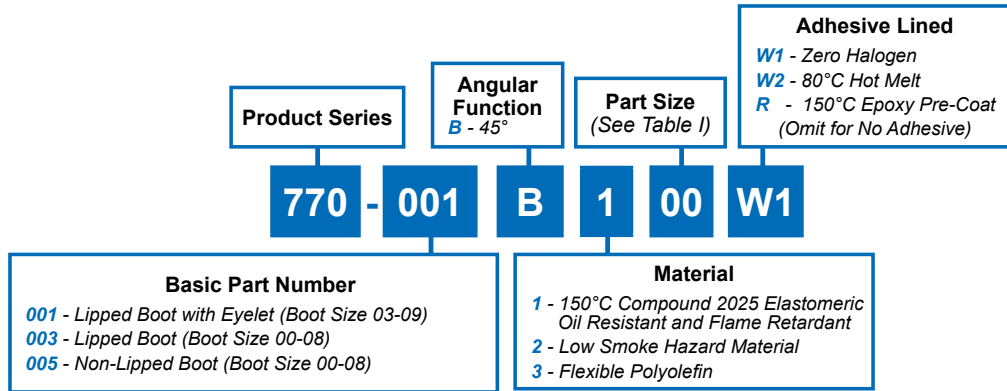
|   |                                    |                                   |  |           |           |
|---|------------------------------------|-----------------------------------|--|-----------|-----------|
| <b>Product Series</b>   | <b>Angular Function</b><br>A - 90° | <b>Part Size</b><br>(See Table I) | <b>Adhesive Lined</b><br>W1 - Zero Halogen<br>W2 - 80°C Hot Melt<br>R - 150°C Epoxy Pre-Coat<br>(Omit for No Adhesive)             |           |           |
| <b>770</b>  | <b>001</b>                         | <b>A</b>                          | <b>1</b>   | <b>00</b> | <b>W1</b> |
| <b>Basic Part Number</b>  |                                    |                                   | <b>Material</b>  |           |           |
| 001 - Lipped Boot with Eyelet (Boot Size 03-08)<br>003 - Lipped Boot (Boot Size 00-08)<br>005 - Non-Lipped Boot (Boot Size 00-08) |                                    |                                   | 1 - 150°C Compound 2025 Elastomer<br>Oil Resistant and Flame Retardant<br>2 - Low Smoke Hazard Material<br>3 - Flexible Polyolefin |           |           |



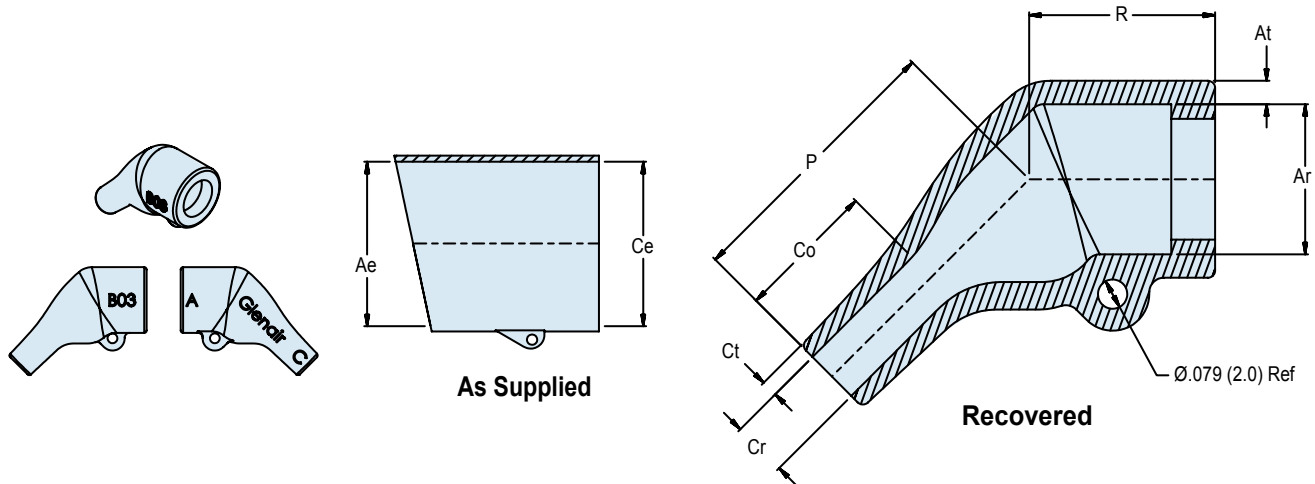
| TABLE I: 90° BOOT DIMENSIONS, BOOT AND SHELL SIZE |            |              |              |              |            |             |            |              |              |              |
|---|------------|--------------|--------------|--------------|------------|-------------|------------|--------------|--------------|--------------|
| Boot Size   | Shell Size | Ae Dia Min   | Ce Dia Min   | Ar Dia Max   | at ±30%    | Cr Dia Max  | ct ±20%    | C0 Ref       | P ±20%       | R Ref        |
| 03  | 9          | .945 (24.0)  | .945 (24.0)  | .394 (10.0)  | .063 (1.6) | .197 (5.0)  | .035 (0.9) | .394 (10.0)  | .984 (25.0)  | .984 (25.0)  |
| 04  | 11-15      | 1.181 (30.0) | 1.181 (30.0) | .532 (13.5)  | .071 (1.8) | .217 (5.5)  | .039 (1.0) | .472 (12.0)  | 1.260 (32.0) | 1.063 (27.0) |
| 05  | 13-17      | 1.260 (32.0) | 1.260 (32.0) | .709 (18.0)  | .071 (1.8) | .276 (7.0)  | .047 (1.2) | .591 (15.0)  | 1.535 (39.0) | 1.260 (32.0) |
| 06  | 17-21      | 1.417 (36.0) | 1.417 (36.0) | .886 (22.0)  | .079 (2.0) | .335 (8.5)  | .047 (1.2) | .630 (16.0)  | 1.929 (49.0) | 1.496 (38.0) |
| 07  | 21-23      | 1.693 (43.0) | 1.693 (43.0) | 1.102 (28.0) | .087 (2.2) | .394 (10.0) | .059 (1.5) | .709 (18.0)  | 2.165 (55.0) | 1.850 (47.0) |
| 08  | 23-25      | 2.165 (55.0) | 2.165 (55.0) | 1.378 (35.0) | .130 (3.3) | .591 (15.0) | .079 (2.0) | 1.260 (32.0) | 3.150 (80.0) | 2.165 (55.0) |



**Series 77**  
**45° Shrink Boot**  
**Heat Shrink Molded Part**



**B - 45°**  
**Shrink Boot**



**TABLE I: 45° BOOT DIMENSIONS, BOOT AND SHELL SIZE**

| Boot Size | Shell Size | Ae Dia Min   | Ce Dia Min   | Ar Dia Max   | at $\pm 30\%$ | Cr Dia Max  | ct $\pm 20\%$ | CO Ref      | P $\pm 10\%$ | R Ref        |
|-----------|------------|--------------|--------------|--------------|---------------|-------------|---------------|-------------|--------------|--------------|
| 03        | 9          | .945 (24.0)  | .945 (24.0)  | .413 (10.50) | .063 (1.6)    | .157 (4.0)  | .035 (0.9)    | .315 (8.0)  | .748 (195.0) | .500 (12.7)  |
| 04        | 11-15      | 1.181 (30.0) | 1.181 (30.0) | .551 (14.0)  | .071 (1.8)    | .236 (6.0)  | .039 (1.0)    | .354 (9.0)  | 1.180 (30.0) | .748 (19.0)  |
| 05        | 13-17      | 1.260 (32.0) | 1.260 (32.0) | .709 (18.0)  | .079 (2.0)    | .276 (7.0)  | .071 (1.8)    | .591 (15.0) | 1.378 (35.0) | .984 (25.0)  |
| 06        | 17-21      | 1.417 (36.0) | 1.417 (36.0) | .886 (22.0)  | .079 (2.0)    | .335 (8.5)  | .071 (1.8)    | .709 (18.0) | 1.575 (40.0) | 1.260 (32.0) |
| 07        | 21-23      | 1.693 (43.0) | 1.693 (43.0) | 1.102 (28.0) | .087 (2.2)    | .394 (10.0) | .079 (2.0)    | .709 (18.0) | 1.772 (45.0) | 1.496 (38.0) |

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