



# SERIES 77 Heat Shrink Transitions



## 770-009 Low Profile Heat Shrink “TACOM” Approved “Wye” Transition - How to Order



Low profile “Wye” heat shrink transitions provide an easy to instal and rugged cable routing solution. Transitional boots are available in eight material options with five adhesive choices. All Adhesive lined and unlined shrink books are RoHS compliant. Transitional boots are water-tight when equipped with factory installed or user-installed adhesive. Choose boot size based on cable diameter.

| How to Order       |                                                                                            |     |      |   |   |       |
|--------------------|--------------------------------------------------------------------------------------------|-----|------|---|---|-------|
| Sample Part Number |                                                                                            | 770 | -009 | Y | 1 | 05 W1 |
| Product Series     | 770 = Series 77 shrink boot                                                                |     |      |   |   |       |
| Basic Number       | 009 = Basic number                                                                         |     |      |   |   |       |
| Angular Function   | Y = “Wye” transition                                                                       |     |      |   |   |       |
| Material           | See material and adhesives table                                                           |     |      |   |   |       |
| Boot Size          | 04, 05, 06, 07, 08, 07-01, 08-01                                                           |     |      |   |   |       |
| Adhesive Lined     | W1, W2, W3, R, U, Omit for no adhesive; see material and adhesives table for compatibility |     |      |   |   |       |

| Material and Adhesive Compatibility |                                              |                                                                                 |                           |                               |                                  |                                                                                                                                                |
|-------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------|---------------------------|-------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Material Code                       | Material Description<br>(Compound No.)       | Hot Melt Adhesives                                                              |                           |                               | High Performance Epoxy Adhesives |                                                                                                                                                |
|                                     |                                              | W1                                                                              | W2                        | W3 (TACCOM approved)          | R                                | U                                                                                                                                              |
|                                     |                                              | High Temperature<br>-55°C to 125°C                                              | Standard<br>-55°C to 70°C | Elastomeric<br>-55°C to 125°C | Pre-Coat<br>-75°C to 150°C       | Two-Part<br>-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.



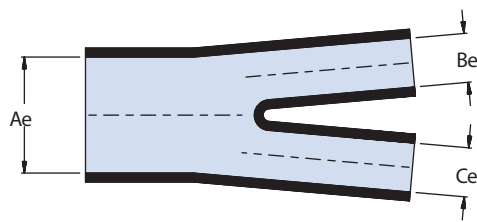
SERIES 77

# Heat Shrink Transitions



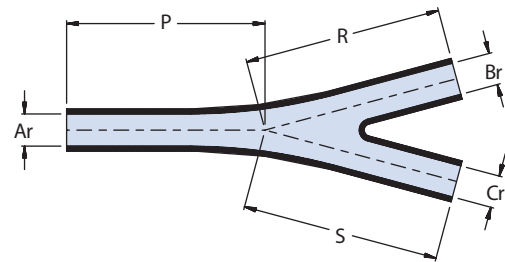
## 770-009 Low Profile Heat Shrink “TACOM” Approved “Wye” Transition - Dimensions

### “Wye” Heat Shrink Transition: Dimensions



EXPANDED

SIZES  
05-08

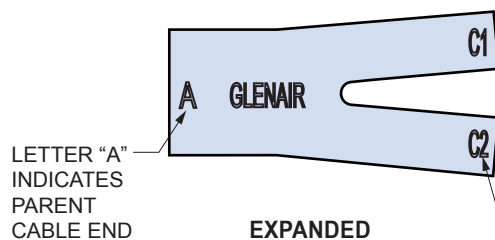


RECOVERED

| Dimensions |                               |            |                   |                              |                 |                         |                         |                       |               |               |
|------------|-------------------------------|------------|-------------------|------------------------------|-----------------|-------------------------|-------------------------|-----------------------|---------------|---------------|
| Size       | Glenair<br>US Part<br>Marking | GDLS (REF) | GD/TACOM<br>(REF) | Lockheed<br>Martin<br>JSFQ27 | Ae<br>Min. Dia. | Be, Ce Dia<br>Min. Dia. | Ar, Br, Cr<br>Max. Dia. |                       | P<br>± 10%    | R, S<br>Ref.  |
| 04         | Y04                           |            |                   |                              | .600 (15.2)     | .350 (8.9)              | .190(4.83)<br>Ar        | .100 (2.54)<br>Br, Cr | 1.280 (32.5)  | 1.280 (32.5)  |
| 05         | Y05                           | 10652590-1 | 12273148-1**      | Y1                           | .780 (19.8)     | .520 (13.2)             | .260 (6.6)              |                       | 1.600 (40.6)  | 1.600 (40.6)  |
| 06         | Y06                           | 10652590-2 | 12273148-2**      | Y2                           | 1.350 (34.3)    | .900 (22.9)             | .450 (11.4)             |                       | 2.480 (63.0)  | 2.480 (63.0)  |
| 07         | Y07                           | 10652590-3 | 12273148-5**      | Y3                           | 2.370 (60.2)    | 1.580 (40.1)            | .791 (20.1)             |                       | 3.730 (94.7)  | 3.730 (94.7)  |
| 08         | Y08                           | 10652590-4 |                   | Y4                           | 3.280 (83.3)    | 2.161 (54.9)            | 1.311 (33.3)            |                       | 5.270 (133.9) | 5.270 (133.9) |
| 07-01      | Y07-01                        | 10652590-5 | 12273148-3**      |                              | 2.370 (60.2)    | 1.580 (40.1)            | .791 (20.1)             |                       | 2.480 (63.0)  | 2.480 (63.0)  |
| 08-01      | Y08-01                        | 10652590-6 | 12273148-4**      |                              | 3.280 (83.3)    | 2.161 (54.9)            | 1.311 (33.3)            |                       | 3.730 (94.7)  | 3.730 (94.7)  |

F

### “Wye” Heat Shrink Transition: Part Marking, Raised Lettering

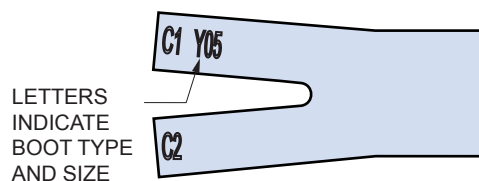


EXPANDED

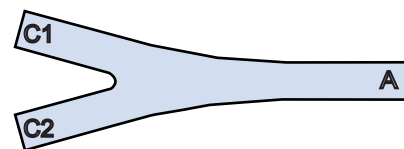
LETTER “C”  
INDICATES CHILD  
(SPLIT) END



RECOVERED



LETTERS  
INDICATE  
BOOT TYPE  
AND SIZE





# SERIES 77 Heat Shrink Transitions



## 770-009 Low Profile, Heat Shrink Reduced “Wye” Transition, Size 16, 26 and 36 - How to Order



Low profile “Wye” heat shrink reduced transition boot provide an easy to install and rugged cable routing solution. Transitional boots with reduced leg to accommodate smaller exiting cable bundle. Material is available in eight options and five adhesive choices. All Adhesive lined and unlined shrink books are RoHS compliant. Transitional boots are water-tight when equipped with factory installed or user-installed adhesive. Choose boot size based on cable diameter.

| How to Order       |                                                                                            |     |      |   |   |       |
|--------------------|--------------------------------------------------------------------------------------------|-----|------|---|---|-------|
| Sample Part Number |                                                                                            | 770 | -009 | Y | 1 | 16 W1 |
| Product Series     | 770 = Series 77 shrink boot                                                                |     |      |   |   |       |
| Basic Number       | 009 = Basic number                                                                         |     |      |   |   |       |
| Angular Function   | Y = “Wye” transition                                                                       |     |      |   |   |       |
| Material           | See material and adhesives table                                                           |     |      |   |   |       |
| Boot Size          | 16, 26, 36; Based on cable diameter                                                        |     |      |   |   |       |
| Adhesive Lined     | W1, W2, W3, R, U, Omit for no adhesive; see material and adhesives table for compatibility |     |      |   |   |       |

| Material and Adhesive Compatibility |                                              |                                                                                 |                           |                               |                                  |                                                                                                                                                |
|-------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------|---------------------------|-------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Material Code                       | Material Description<br>(Compound No.)       | Hot Melt Adhesives                                                              |                           |                               | High Performance Epoxy Adhesives |                                                                                                                                                |
|                                     |                                              | W1                                                                              | W2                        | W3 (TACCOM approved)          | R                                | U                                                                                                                                              |
|                                     |                                              | High Temperature<br>-55°C to 125°C                                              | Standard<br>-55°C to 70°C | Elastomeric<br>-55°C to 125°C | Pre-Coat<br>-75°C to 150°C       | Two-Part<br>-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.

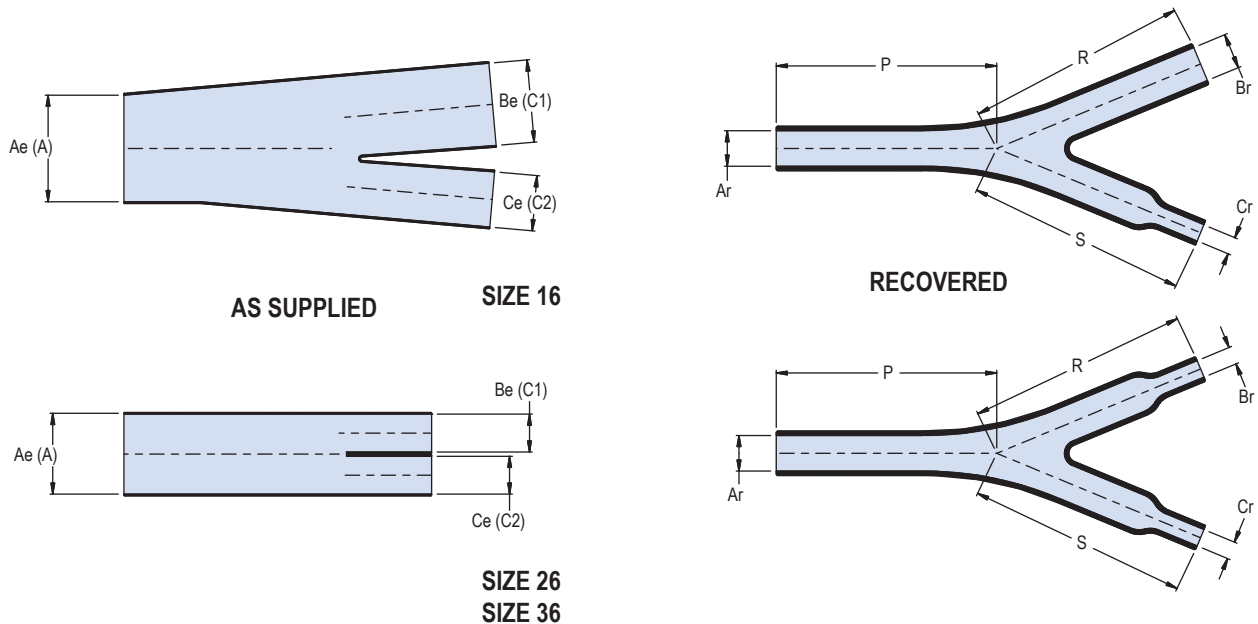


# SERIES 77 Heat Shrink Transitions



## 770-009 Low Profile, Heat Shrink Reduced “Wye” Transition, Size 16, 26 and 36 - Dimensions

### “Wye” Heat Shrink Transition: Dimensions



| Dimensions |                         |             |            |            |            |            |           |             |             |
|------------|-------------------------|-------------|------------|------------|------------|------------|-----------|-------------|-------------|
| Size       | Glenair Us Part Marking | Ae Min Dia  | Be Min Dia | Ce Min Dia | Ar Max Dia | Br Max Dia | Cr ±10%   | P ±10%      | R, S Ref    |
| 16         | Y16                     | 1.200(30.5) | .900(22.9) | .600(15.2) | .450(11.4) | .450(11.4) | .300(7.6) | 2.480(63.0) | 2.480(63.0) |
| 26         | Y26                     | .900(22.9)  | .400(10.2) | .400(10.2) | .450(11.4) | .200(5.1)  | .200(5.1) | 2.480(63.0) | 2.480(63.0) |
| 36         | Y36                     | 1.000(25.4) | .600(15.2) | .600(15.2) | .450(11.4) | .300(7.6)  | .300(7.6) | 2.480(63.0) | 2.480(63.0) |

### “Wye” Heat Shrink Transition: Part Marking, Raised Lettering

