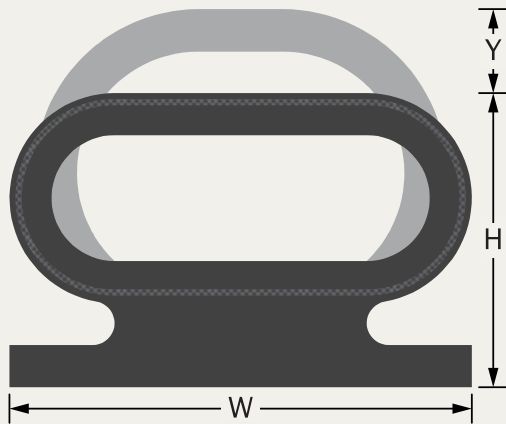




The PR13548 molded, fabric-reinforced inflatable profile is available in several different types of materials and configurations. This cross-section is designed for ease of mechanical retention (see retainer tab), and its footed profile allows the bulb portion to cover a fairly large gap.

**Drawings** [PDF](#) [DWG](#) [SAT](#)

## Profile Details

**Style** S (Smooth)

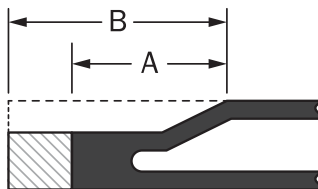
### Dimensions

| Width (W) |         | Height (H) |         | Gap (Y) |       |
|-----------|---------|------------|---------|---------|-------|
| in        | mm      | in         | mm      | in      | mm    |
| 0.687     | 17.4498 | 0.437      | 11.0998 | 0.125   | 3.175 |

### Standard Operating Pressure

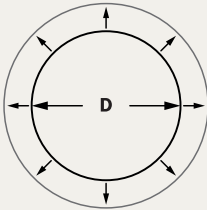
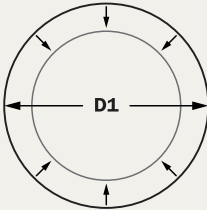
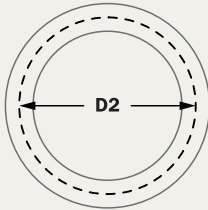
| Minimum |       | Maximum |       |
|---------|-------|---------|-------|
| psi     | bar   | psi     | bar   |
| 20.00   | 1.379 | 45.00   | 3.103 |

### Boot Dimensions and Minimum Straight Length

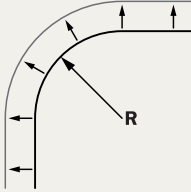
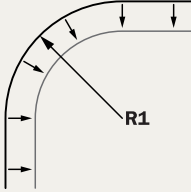
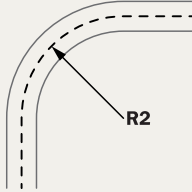


|                         | in    | mm      |
|-------------------------|-------|---------|
| Boot Dimension A        | 0.875 | 22.225  |
| Boot Dimension B        | 1.375 | 34.925  |
| Minimum Straight Length | 4.000 | 101.600 |

## Minimum Dimensions for Radial and Axial Expansion

|                                                                                   |        |                                                                                   |          |                                                                                     |          |
|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|----------|
|  |        |  |          |  |          |
| <b>Radial Expansion Out</b><br>(D is constant)                                    |        | <b>Radial Expansion In</b><br>(OD is constant)                                    |          | <b>Axial Expansion</b><br>(CL is constant)                                          |          |
| 5.000 in                                                                          | 127 mm | 6.000 in                                                                          | 152.4 mm | 4.000 in                                                                            | 101.6 mm |

|                                                                                   |         |                                                                                   |         |                                                                                     |         |
|-----------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|---------|
|  |         |  |         |  |         |
| <b>Radial Expansion Out</b><br>(D is constant)                                    |         | <b>Radial Expansion In</b><br>(OD is constant)                                    |         | <b>Axial Expansion</b><br>(CL is constant)                                          |         |
| 2.500 in                                                                          | 63.5 mm | 3.000 in                                                                          | 76.2 mm | 2.000 in                                                                            | 50.8 mm |

## Materials

### Standard Materials

None

### Special Materials (Special Setup Charges May Apply)

|                    |                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------|
| <u>36B07 (C/U)</u> | 60 Durometer High Quality Black Neoprene<br>(For All Configurations)                        |
| <u>E603A (C/U)</u> | 60 Durometer EPDM for High Quality, High Flex Life Applications<br>(For All Configurations) |
| <u>S55202 (C)</u>  | 55 Durometer Gray, FDA-Compliant Silicone Molding Compound<br>(For All Configurations)      |

## Air Connectors

### AC2 Reinforced Hose with Crimped Ferrule Adapter



#### **TYPE1.AC2**

*Base Reinforced Hose Detail*

[PDF](#)

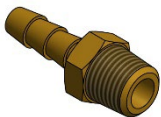


#### **TYPE1.AC2E**

*End Reinforced Hose Detail*

[PDF](#)

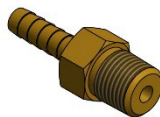
### ACFIT Hose Fittings



#### **PI KF03-02 PS**

*Male 1/8-27 NPT Fitting*

[PDF](#)



#### **PRV24375.001**

*R1/8-28 BSPT Fitting*

[PDF](#)

### AC14 Threaded End Connections



#### **TYPE1.AC14E.PR8426.903**

*End Connector*

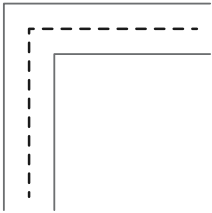
[PDF](#)

## Retainers

*None*

## Tooling

### SQR



90 Degree Square Corner Molds for Axial Expansion

### **PR13548-SQR-0**

*Square corners for axial expansion*