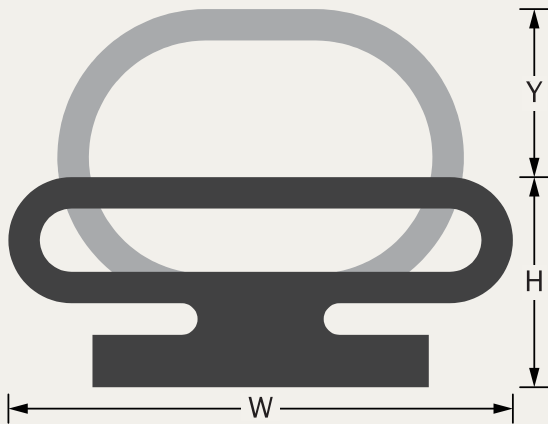




PRS548 is available in several different types of materials and configurations. This cross-section is designed for ease of mechanical retention (see retainer tab), and its footed profile allows the bulb portion to cover a fairly large gap.

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

Profile Details

Style S (Smooth)

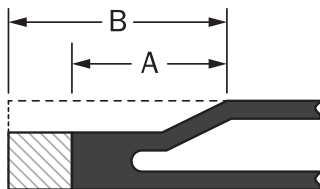
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
3.000	76.2	1.250	31.75	1.000	25.4

Standard Operating Pressure

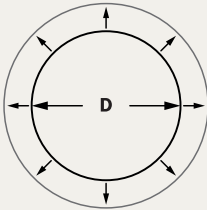
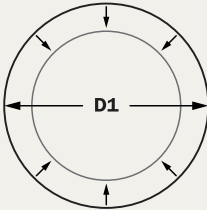
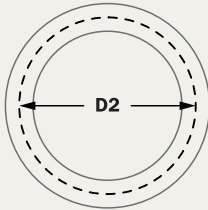
Minimum		Maximum	
psi	bar	psi	bar
10.00	0.690	25.00	1.724

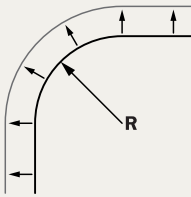
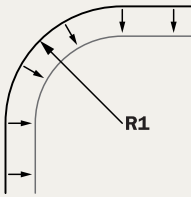
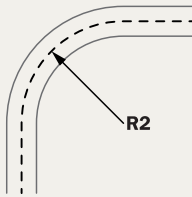
Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	1.680	42.672
Boot Dimension B	3.250	82.550
Minimum Straight Length	8.000	203.200

Minimum Dimensions for Radial and Axial Expansion

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
11.000 in	279.4 mm	32.000 in	812.8 mm	15.000 in	381 mm

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
5.500 in	139.7 mm	16.000 in	406.4 mm	7.500 in	190.5 mm

Materials

Standard Materials

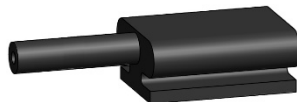
<u>36B07 (C)</u>	60 Durometer High Quality Black Neoprene (For Straight and Radial Expansion In/Out Seals)
<u>E6A53 (C/U)</u>	60 Durometer Black FDA-Compliant EPDM With Excellent Flex Life (For All Configurations)

Special Materials (Special Setup Charges May Apply)

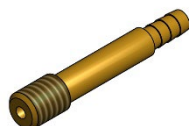
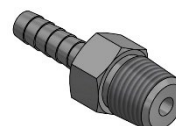
<u>36B07 (U)</u>	60 Durometer High Quality Black Neoprene (For Axial Seals)
<u>47A09 (C/U)</u>	60 Durometer Nitrile Designed for Chemical Resistance and High Cycle Life (For All Configurations)
<u>E603A (C/U)</u>	60 Durometer EPDM for High Quality, High Flex Life Applications (For All Configurations)

Air Connectors

AC1 Non-Reinforced Flexible Hose Connector

**TYPE1.AC1C***Base Non-Reinforced Hose Detail*[PDF](#)**TYPE1.AC1CE***End Non-Reinforced Hose Detail*[PDF](#)

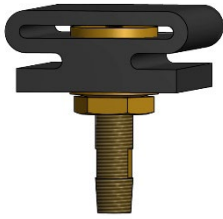
ACFIT Hose Fittings

**PRV14383.001***Male 1/8-27 NPT Fitting*[PDF](#)**PRV11856.001***.305-32 NEF Fitting*[PDF](#)**PRV14765.001***1/8-27 NPT Connector, Stainless Steel*[PDF](#)

AC14 Threaded End Connections

**TYPE1.AC14E.PR8426.902***End Connector*[PDF](#)

AC4A Male NPT Nut/Washer Direct Connection

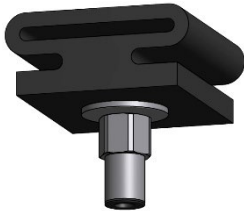


TYPE1.AC4A

1/8-27 NPT Base Connector

[PDF](#)

AC4C Push Connect Fitting



TYPE1.AC4C

*Push Connect Hose Fitting for
1/4 and 1/8" OD Tubing*

[PDF](#)

AC5 Tire Valve Direct Connection



TYPE1.AC5

.302-32 Threaded Tire Core Valve

[PDF](#)

Retainers



PR5223
Two-Piece Retainer

[PDF](#)



PR6491
One-Piece Retainer

[PDF](#)



PRS289-SS
Z-Clip

[PDF](#)



PR36488
*Retainer Groove Dimensions for
PRS548*

[PDF](#)

Tooling

RSC



Relieved Square Corners

PRS548-SQR-0

Relieved square corners for axial expansion