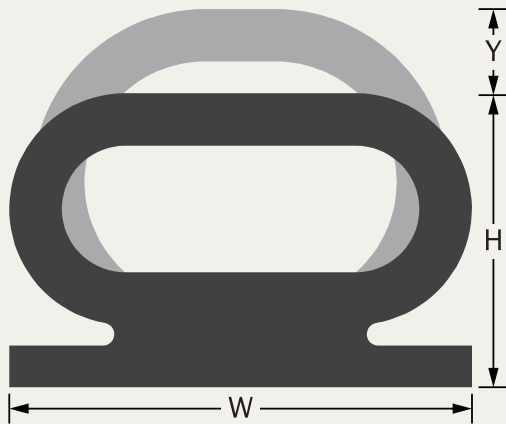




PRS573 is available in several different types of materials and configurations. This profile is designed for ease of mechanical retention (see retainer tab), and its footed profile allows the bulb portion to cover a fairly large gap. PRS573 is available in our new AMS silicone material.

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

Profile Details

Style S (Smooth)

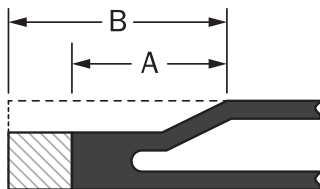
Dimensions

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

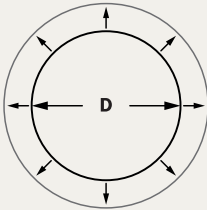
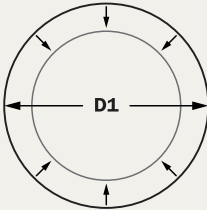
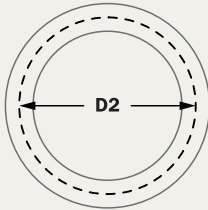
Minimum		Maximum	
psi	bar	psi	bar
15.00	1.034	30.00	2.069

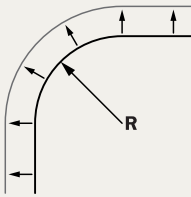
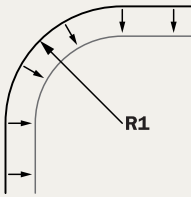
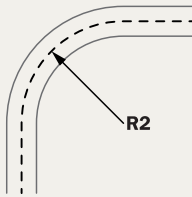
Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	0.875	22.225
Boot Dimension B	2.375	60.325
Minimum Straight Length	4.000	101.600

Minimum Dimensions for Radial and Axial Expansion

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
3.000 in	76.2 mm	6.000 in	152.4 mm	4.000 in	101.6 mm

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
1.500 in	38.1 mm	3.000 in	76.2 mm	2.000 in	50.8 mm

Materials

Standard Materials

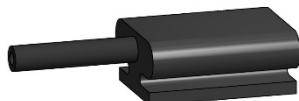
<u>E6A53 (C)</u>	60 Durometer Black FDA-Compliant EPDM With Excellent Flex Life (For Straight and Radial Expansion In/Out Seals)
<u>S60402 (C)</u>	60 Durometer Red. FDA Compliant Silicone Designed for High Cycle Life (For Straight and Radial Expansion In/Out Seals)

Special Materials (Special Setup Charges May Apply)

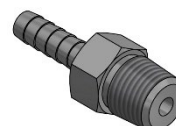
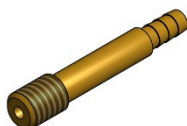
<u>36B07 (C/U)</u>	60 Durometer High Quality Black Neoprene (For All Configurations)
<u>47A09 (C/U)</u>	60 Durometer Nitrile Designed for Chemical Resistance and High Cycle Life (For All Configurations)
<u>E603A (C/U)</u>	60 Durometer EPDM for High Quality, High Flex Life Applications (For All Configurations)
<u>S60402 (U)</u>	60 Durometer Red. FDA Compliant Silicone Designed for High Cycle Life (For Axial Seals)
<u>VT606 (C/U)</u>	60 Durometer Black Fluoroelastomer, Highly Chemical Resistant (For All Configurations)
<u>E6A53 (U)</u>	60 Durometer Black FDA-Compliant EPDM With Excellent Flex Life (For Axial Seals)

Air Connectors

AC1 Non-Reinforced Flexible Hose Connector

**TYPE1.AC1A***Base Non-Reinforced Hose Detail*[PDF](#)**TYPE1.AC1AE***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.PR8426.901***End Connector*[PDF](#)

Retainers



PRS285-SS

Z-Clip

[PDF](#)



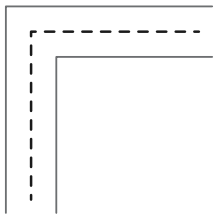
PR36489

*Retainer Groove Dimensions
for PRS573*

[PDF](#)

Tooling

SQR



90 Degree Square Corner Molds for Axial Expansion

PRS573-SQR-0

Square corners for axial expansion

RSC



Relieved Square Corners

PRS573-RSC-61

0.606" (15.39 mm) Centerline RSC corners Mold