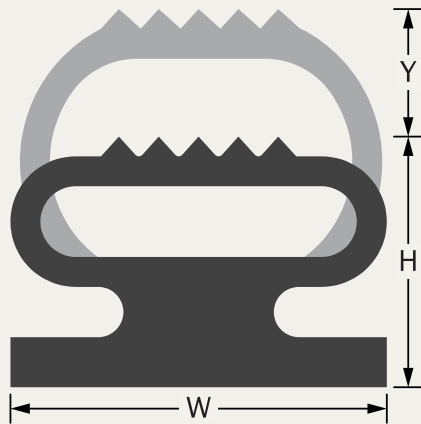




PRS951 is available in several different types of materials and configurations. This design incorporates the use of a serrated bead surface to concentrate the sealing along several well-defined points. It is designed for ease of mechanical retention (see retainer tab), and its footed profile allows the bulb portion to cover a fairly large gap.

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

Profile Details

Style T (Serrated)

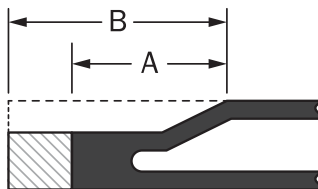
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
1.181	29.9974	0.787	19.9898	0.312	7.9248

Standard Operating Pressure

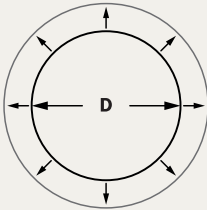
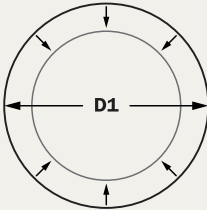
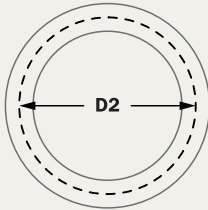
Minimum		Maximum	
psi	bar	psi	bar
10.00	0.690	25.00	1.724

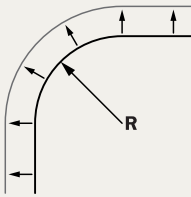
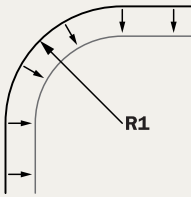
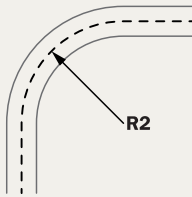
Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	1.094	27.788
Boot Dimension B	1.594	40.488
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)	
5.000 in	127 mm	12.000 in	304.8 mm	10.500 in	266.7 mm

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
2.500 in	63.5 mm	6.000 in	152.4 mm	5.120 in	130.048 mm

Materials

Standard Materials

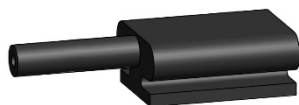
<u>S60402 (C)</u>	60 Durometer Red. FDA Compliant Silicone Designed for High Cycle Life (For Straight and Radial Expansion In/Out Seals)
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Special Materials (Special Setup Charges May Apply)

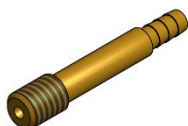
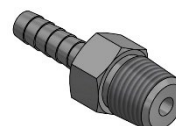
<u>E603A (C/U)</u>	60 Durometer EPDM for High Quality, High Flex Life Applications (For All Configurations)
<u>E6A53 (C/U)</u>	60 Durometer Black FDA-Compliant EPDM With Excellent Flex Life (For All Configurations)
<u>S60402 (U)</u>	60 Durometer Red. FDA Compliant Silicone Designed for High Cycle Life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

Air Connectors

AC1 Non-Reinforced Flexible Hose Connector

**TYPE1.AC1A***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.PR8426.901***End Connector*[PDF](#)

Retainers



PR36702

*Retainer Groove Dimensions for
PRS951*

[PDF](#)

Tooling

None