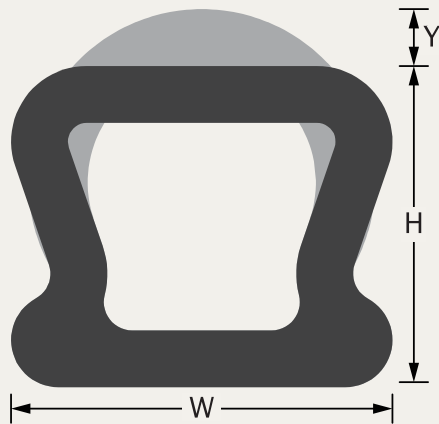




PRS980 is designed for a snap fit into a mating dovetail groove. PRS980 is better suited for inflation-inward applications when compared to the smooth or beaded style Type 3 profiles.

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

Profile Details

Style SF (Smooth, Flat)

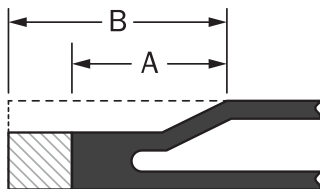
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
0.630	16.002	0.531	13.4874	0.094	2.3876

Standard Operating Pressure

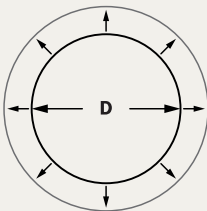
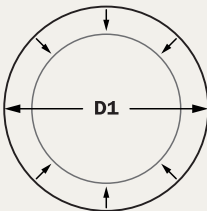
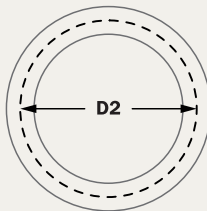
Minimum		Maximum	
psi	bar	psi	bar
10.00	0.690	25.00	1.724

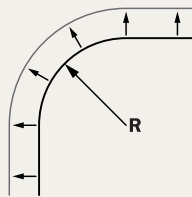
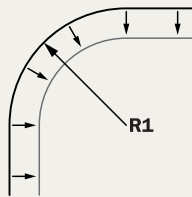
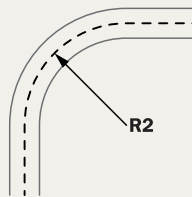
Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	0.750	19.050
Boot Dimension B	1.250	31.750
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)
15.000 in 381 mm	16.000 in 406.4 mm	8.000 in 203.2 mm

		
Radial Expansion Out (D is constant)	Radial Expansion In (OD is constant)	Axial Expansion (CL is constant)
5.000 in 127 mm	8.000 in 203.2 mm	2.500 in 63.5 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)

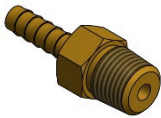
<u>E603A (C/U)</u>	60 Durometer EPDM for High Quality, High Flex Life Applications (For All Configurations)
<u>S60402 (U)</u>	60 Durometer Red. FDA Compliant Silicone Designed for High Cycle Life (For Axial Seals)

Air Connectors

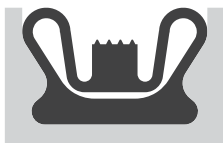
AC1 Non-Reinforced Flexible Hose Connector

**TYPE3.AC1A***Base Non-Reinforced Hose Detail*[PDF](#)**TYPE3.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](#)

Retainers



PR30074

Machine Groove Dimensions

[PDF](#)

Tooling

None