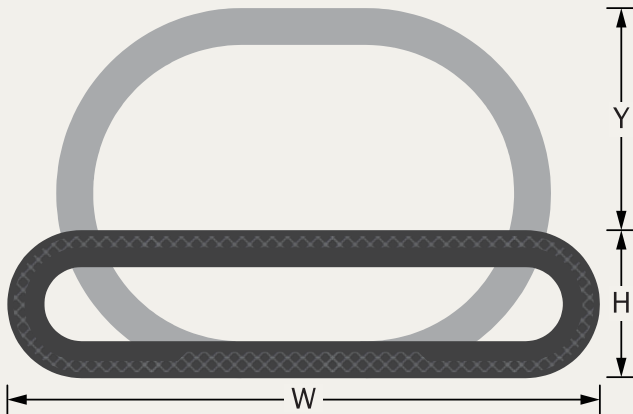




The PRS702 is one of our more popular Type 2 molded, fabric-reinforced profiles. We have several material and configuration options readily available. Type 2 profiles are typically housed in channels and are best suited for radial expansion inward/outward applications.

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

Profile Details

Style C (Racetrack)

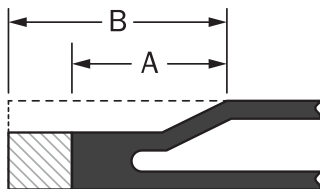
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
2.000	50.8	0.500	12.7	0.750	19.05

Standard Operating Pressure

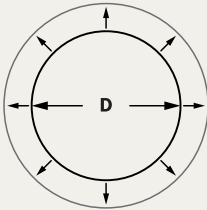
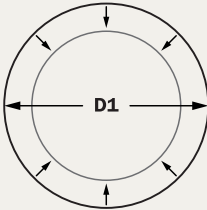
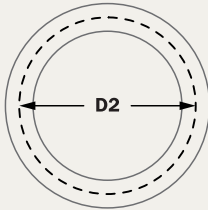
Minimum		Maximum	
psi	bar	psi	bar
20.000	1.379	45.000	3.103

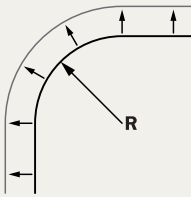
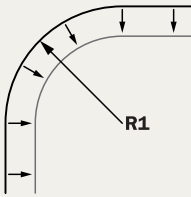
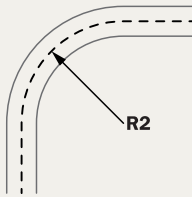
Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	1.500	38.100
Boot Dimension B	3.500	88.900
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)	
6.000 in	152.4 mm	22.000 in	558.8 mm	6.000 in	152.4 mm

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
3.000 in	76.2 mm	11.000 in	279.4 mm	3.000 in	76.2 mm

Materials

Standard Materials

<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)

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>S55202 (C)</u>	55 Durometer Gray, FDA-Compliant Silicone Molding Compound (For All Configurations)

Air Connectors

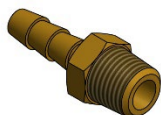
AC3A Reinforced Hose with Crimped Ferrule Adapter

**TYPE2.AC3A***Base Reinforced Hose Detail*[PDF](#)**TYPE2.AC3AE***End Reinforced Hose Detail*[PDF](#)

AC3B Reinforced Hose with Female Seal Adapter

**TYPE2.AC3B***Base Reinforced Hose Detail*[PDF](#)**TYPE2.AC3BE***End Reinforced Hose Detail*[PDF](#)

ACFIT Hose Fittings

**PI KF03-02 PS***Male 1/8-27 NPT Fitting*[PDF](#)

AC14 Threaded End Connections



TYPE2.AC14E.PR8426.905

End Connector

[PDF](#)

Retainers



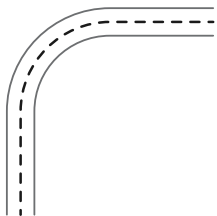
PR36812

*Retainer Groove Dimensions for
PRS702*

[PDF](#)

Tooling

90RCL



90 Degree Radiused Corner Molds for Axial Expansion. Used with straight legs to mold seal

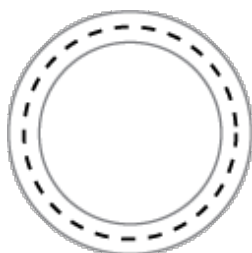
PRS702-90RCL-412

4.12" (104.68 mm) axial expansion radiused corners. Range of use = 3.75" (95.25 mm) CL to 5.125" (130.17 mm) CL

PRS702-90RCL-300

3" (76.20 mm) axial expansion radiused corners. Range of use = 2.5" (57.15 mm) CL to 4" (101.60 mm) CL

360CL



360 Degree Circular Molds for Axial Expansion

PRS702-360CL-325

3.25" (82.55 mm) axial expansion circular mold (CL)