

PRS715 is designed for large gap coverage along with ease of retention within a channel. The beaded profile also allows for a large gap expansion over a fairly narrow profile width.

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

Profile Details

Style B (Beaded)

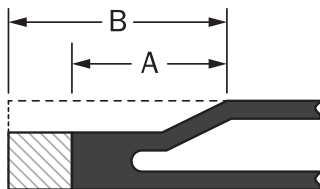
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
0.540	13.716	0.440	11.176	0.375	9.525

Standard Operating Pressure

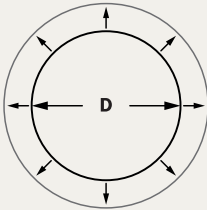
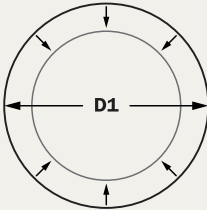
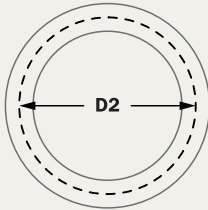
Minimum		Maximum	
psi	bar	psi	bar
10.00	0.690	35.00	2.413

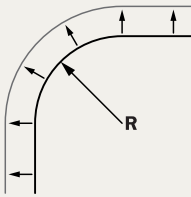
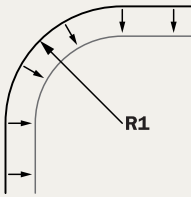
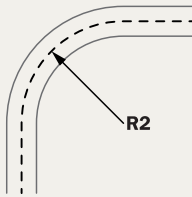
Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	0.875	22.225
Boot Dimension B	1.375	34.925
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)	
12.000 in	304.8 mm	10.000 in	254 mm	7.000 in	177.8 mm

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
6.000 in	152.4 mm	5.000 in	127 mm	0.870 in	22.098 mm

Materials

Standard Materials

<u>E603A (C/U)</u>	60 Durometer EPDM for High Quality, High Flex Life Applications (For All Configurations)
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Special Materials (Special Setup Charges May Apply)

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

Air Connectors

AC2 Reinforced Hose with Crimped Ferrule Adapter



TYPE4.AC2

Base Reinforced Hose Detail

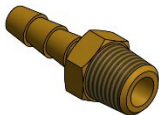
[PDF](#)



TYPE4.AC2E

End Reinforced Hose Detail

ACFIT Hose Fittings



PI KF03-02 PS

Male 1/8-27 NPT Fitting

[PDF](#)

AC14 Threaded End Connections



TYPE4.AC14E.PRV8426.904

End Connector

[PDF](#)

Retainers



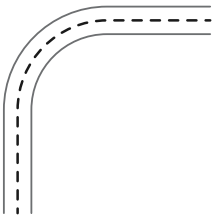
PR36502

*Retainer Groove Dimensions for
PRS715*

[PDF](#)

Tooling

90RCL



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

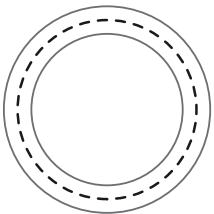
PRS715-90RCL-87

.87" (22.09mm) axial expansion radiused corners. Range of use = .625" (15.87 mm) to 1.5" (38.1 mm)

PRS715-90RCL-134

1.34" (34.03 mm) axial expansion radiused corners. Range of use = 1.25" (31.75 mm) to 2.5" (63.50 mm)

360CL



360 Degree Circular Molds for Axial Expansion

PRS715-360CL-525

5.25" (133.35 mm) axial expansion circular mold (CL)