

The PRS571 inflatable profile is available in Neoprene. This Type 2 profile is typically housed in channels and is best suited for radial expansion inward/outward applications.

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

Profile Details

Style R (Rectangle)

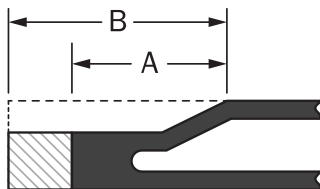
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
1.625	41.275	0.250	6.35	0.438	11.1252

Standard Operating Pressure

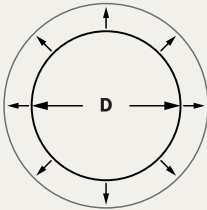
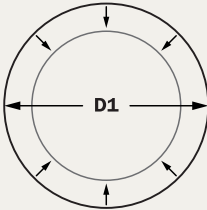
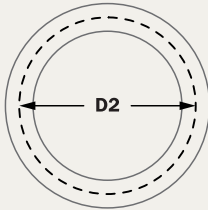
Minimum		Maximum	
psi	bar	psi	bar
10.00	0.690	25.00	1.724

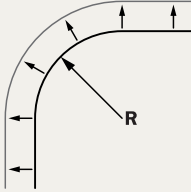
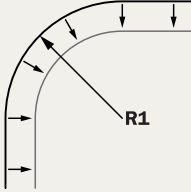
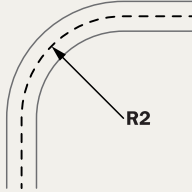
Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	1.187	30.150
Boot Dimension B	1.687	42.850
Minimum Straight Length	5.000	127.000

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	5.000 in	127 mm	14.000 in	355.6 mm

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
2.500 in	63.5 mm	2.500 in	63.5 mm	7.000 in	177.8 mm

Materials

Standard Materials

<u>36B07 (C)</u>	60 Durometer High Quality Black Neoprene (For Straight and Radial Expansion In/Out Seals)
------------------	--

Special Materials (Special Setup Charges May Apply)

<u>36B07 (U)</u>	60 Durometer High Quality Black Neoprene (For Axial Seals)
------------------	---

Air Connectors

AC1 Non-Reinforced Flexible Hose Connector



TYPE2.AC1A

Base Non-Reinforced Hose Detail

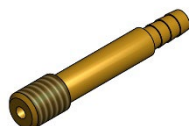
[PDF](#)

TYPE2.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



PR36808

*Retainer Groove Dimensions for
PRS571*

[PDF](#)

Tooling

None