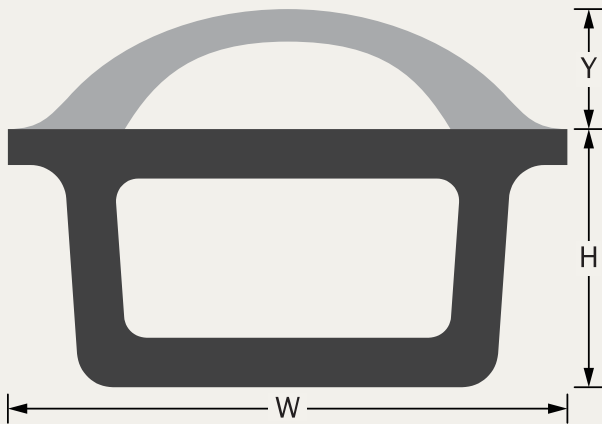




The PRS576 channel style profile is designed to impart a consistent clamping/gripping force over a large surface area. Used in conjunction with standard metal channels, the Type 7 profiles can be used to expand radially inward or outward, or can be configured with sealed ends for axial clamping/gripping applications.

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

Profile Details

Style CH (Channel)

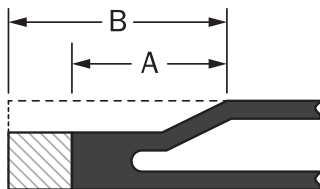
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
1.945	49.403	0.898	22.8092	0.500	12.7

Standard Operating Pressure

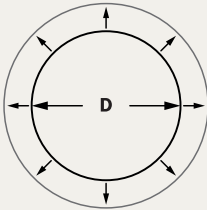
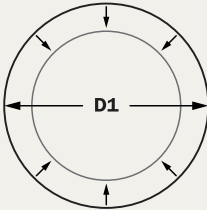
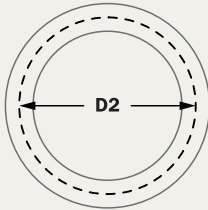
Minimum		Maximum	
psi	bar	psi	bar
20.00	1.379	45.00	3.103

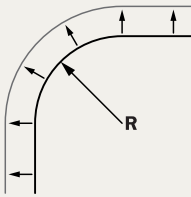
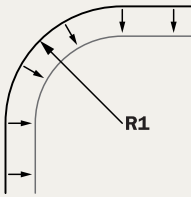
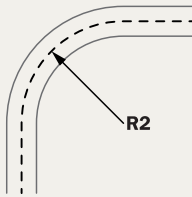
Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	1.250	31.750
Boot Dimension B	1.750	44.450
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)	
12.000 in	304.8 mm	20.000 in	508 mm	20.000 in	508 mm

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
6.000 in	152.4 mm	10.000 in	254 mm	10.000 in	254 mm

Materials

Standard Materials

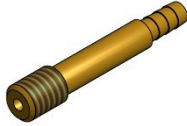
<u>36B07 (C)</u>	60 Durometer High Quality Black Neoprene (For Straight and Radial Expansion In/Out Seals)
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Special Materials (Special Setup Charges May Apply)

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

Air Connectors

ACFIT Hose Fittings



PRV11856.001
.305-32 NEF Fitting

[PDF](#)

Retainers



PR33412
Recommended Channel

[PDF](#)

Tooling

None