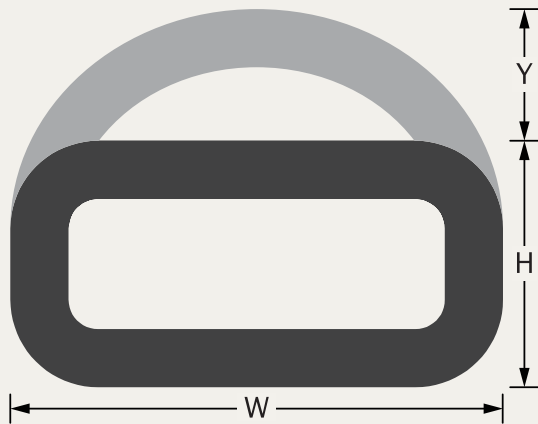




The PRS554 profile is one of the smaller Type 2 profiles. Type 2 profiles are typically housed in channels and are best suited for radial expansion inward/outward applications.

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

Profile Details

Style R (Rectangle)

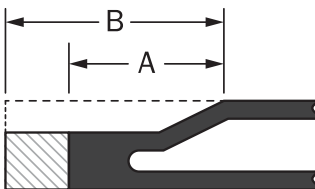
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
0.703	17.8562	0.352	8.9408	0.188	4.7752

Standard Operating Pressure

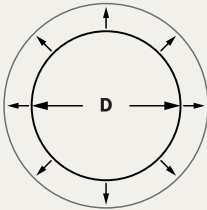
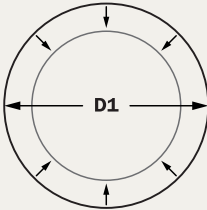
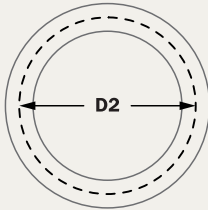
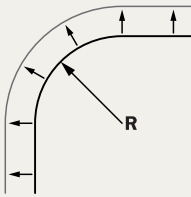
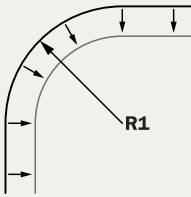
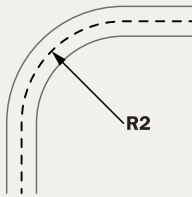
Minimum		Maximum	
psi	bar	psi	bar
10.00	0.690	25.00	1.724

Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	0.812	20.625
Boot Dimension B	1.312	33.325
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)	
4.000 in	101.6 mm	12.000 in	304.8 mm	6.000 in	152.4 mm
 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
1.250 in	31.75 mm	6.000 in	152.4 mm	2.500 in	63.5 mm

Materials

Standard Materials

<u>E6A53 (C)</u>	60 Durometer Black FDA-Compliant EPDM With Excellent Flex Life (For Straight and Radial Expansion In/Out Seals)
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Special Materials (Special Setup Charges May Apply)

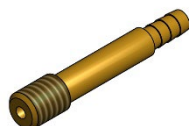
<u>36B07 (C/U)</u>	60 Durometer High Quality Black Neoprene (For All Configurations)
<u>E603A (C/U)</u>	60 Durometer EPDM for High Quality, High Flex Life Applications (For All Configurations)
<u>E6A53 (U)</u>	60 Durometer Black FDA-Compliant EPDM With Excellent Flex Life (For Axial Seals)

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](#)

AC14 Threaded End Connections

**TYPE2.AC14E.PR8426.901***End Connector*[PDF](#)

Retainers



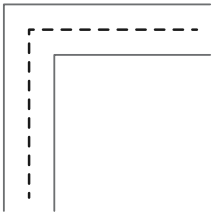
PR36806

*Retainer Groove Dimensions for
PRS554*

[PDF](#)

Tooling

SQR



90 Degree Square Corner Molds for Axial Expansion

PRS554-SQR-0

Square corners for axial expansion