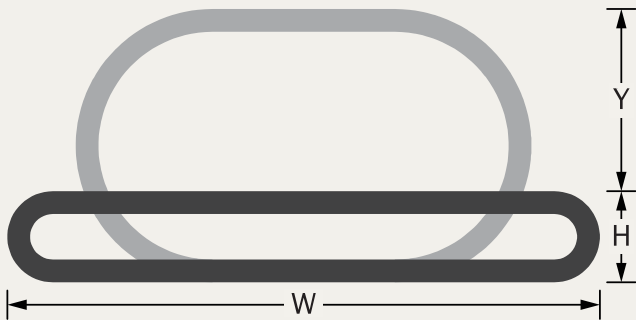




The PRS578 inflatable profile is available in Neoprene. PRS578 is one of our larger Type 2 profiles, is typically housed in channels, and is best suited for radial expansion inward/outward applications.

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

Profile Details

Style C (Racetrack)

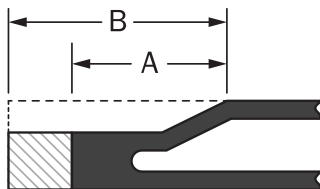
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
3.250	82.55	0.500	12.7	1.000	25.4

Standard Operating Pressure

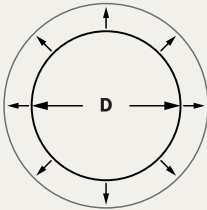
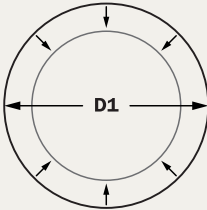
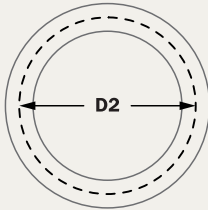
Minimum		Maximum	
psi	bar	psi	bar
10.00	0.690	25.00	1.724

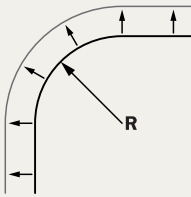
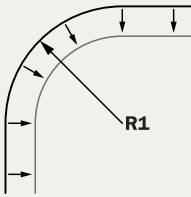
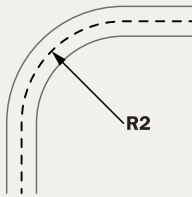
Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	2.500	63.500
Boot Dimension B	3.000	76.200
Minimum Straight Length	8.000	203.200

Minimum Dimensions for Radial and Axial Expansion

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
9.000 in	228.6 mm	20.000 in	508 mm	14.000 in	355.6 mm

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
4.500 in	114.3 mm	10.000 in	254 mm	7.000 in	177.8 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)
<u>S60121 (C)</u>	60 Durometer Milky White, FDA Compliant, USP Class VI Silicone (For Straight and Radial Expansion In/Out Seals)

Special Materials (Special Setup Charges May Apply)

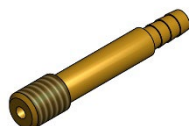
<u>E603A (C/U)</u>	60 Durometer EPDM for High Quality, High Flex Life Applications (For All Configurations)
<u>S60402 (C/U)</u>	60 Durometer Red. FDA Compliant Silicone Designed for High Cycle Life (For All Configurations)

Air Connectors

AC1 Non-Reinforced Flexible Hose Connector

**TYPE2.AC1C***Base Non-Reinforced Hose Detail*[PDF](#)**TYPE2.AC1CE***End Non-Reinforced Hose Detail*[PDF](#)

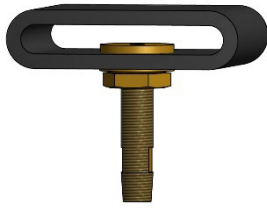
ACFIT Hose Fittings

**PRV14383.001***Male 1/8-27 NPT Fitting*[PDF](#)**PRV11856.001***.305-32 NEF Fitting*[PDF](#)

AC14 Threaded End Connections

**TYPE2.AC14E.PR8426.900***End Connector*[PDF](#)

AC4A Male NPT Nut/Washer Direct Connection



TYPE2.AC4A

1/8-27 NPT Base Connector

[PDF](#)

AC4C Push Connect Fitting



TYPE2.AC4C

*Push Connect Hose Fitting for
1/4 and 1/8" OD Tubing*

[PDF](#)

AC5 Tire Valve Direct Connection



TYPE2.AC5

.302-32 Threaded Tire Core Valve

[PDF](#)

Retainers



PR36810

*Retainer Groove Dimensions for
PRS578*

[PDF](#)

Tooling

None