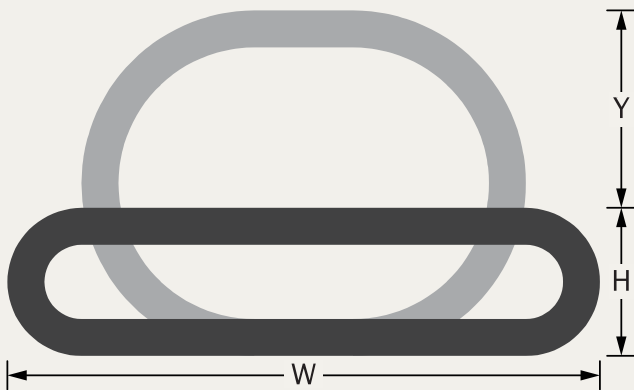




The PRS520 inflatable profile is available in Neoprene. PRS520 is one of our larger Type 2 profiles, is typically housed in channels, and is best suited for radial expansion inward/outward applications.

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

Profile Details

Style C (Racetrack)

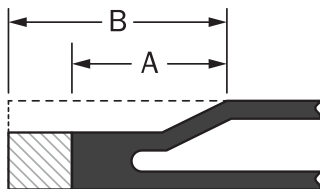
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
3.000	76.2	0.750	19.05	1.000	25.4

Standard Operating Pressure

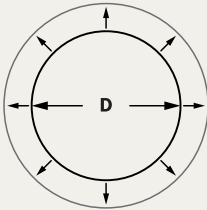
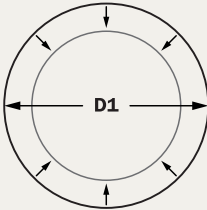
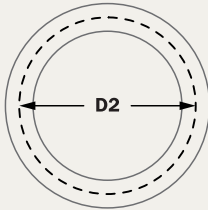
Minimum		Maximum	
psi	bar	psi	bar
10.00	0.690	25.00	1.724

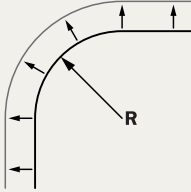
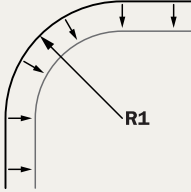
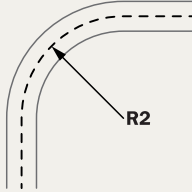
Boot Dimensions and Minimum Straight Length



	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)	
10.000 in	254 mm	20.000 in	508 mm	12.000 in	304.8 mm

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
5.000 in	127 mm	10.000 in	254 mm	6.000 in	152.4 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)

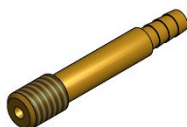
<u>36B07 (U)</u>	60 Durometer High Quality Black Neoprene (For Axial Seals)
<u>E603A (C/U)</u>	60 Durometer EPDM for High Quality, High Flex Life Applications (For All Configurations)

Air Connectors

AC1 Non-Reinforced Flexible Hose Connector

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

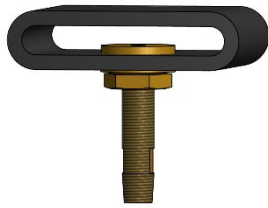
ACFIT Hose Fittings

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

AC14 Threaded End Connections

**TYPE2.AC14E.PR8426.902***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



PR36804

*Retainer Groove Dimensions for
PRS520*

[PDF](#)

Tooling

None