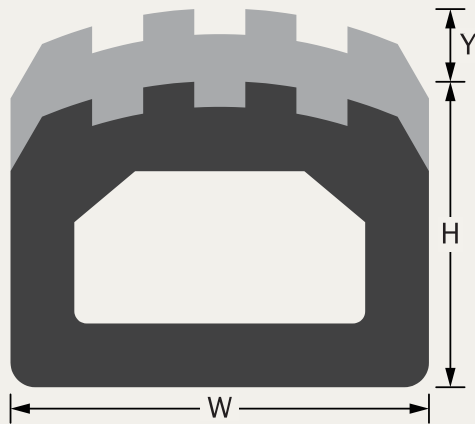




PRS952 is part of the Type 10 series of inflatable profiles and is designed for high-pressure, low-gap applications. When inflated, the sidewalls elongate to cover the recommended gap.

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

Profile Details

Style QB (Square Bead)

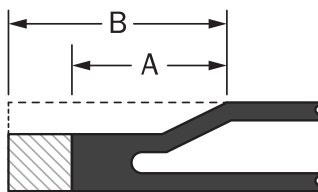
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
1.024	26.0096	0.748	18.9992	0.178	4.5212

Standard Operating Pressure

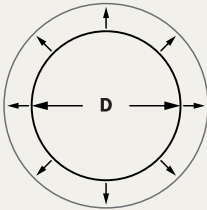
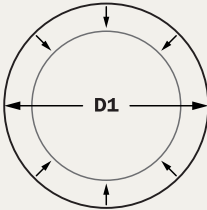
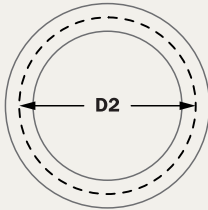
Minimum		Maximum	
psi	bar	psi	bar
50.00	3.448	80.000	5.516

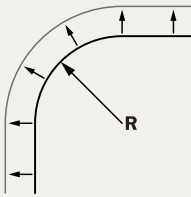
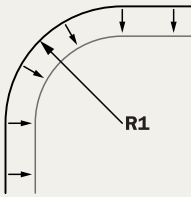
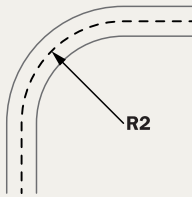
Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	0.900	22.860
Boot Dimension B	1.400	35.560
Minimum Straight Length	6.000	152.400

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	5.750 in	146.05 mm	5.000 in	127 mm

 Radial Expansion Out (D is constant)		 Radial Expansion In (OD is constant)		 Axial Expansion (CL is constant)	
2.370 in	60.198 mm	3.370 in	85.598 mm	2.370 in	60.198 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>S50401 (C)</u>	50 Durometer Red, FDA-Compliant Silicone Compound (For All Configurations)

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>E6A53 (U)</u>	60 Durometer Black FDA-Compliant EPDM With Excellent Flex Life (For Axial Seals)

Air Connectors

AC10 Threaded Air Connection (Supporting Cone on Base Valves)

**TYPE10.AC10.PRV16377.900**

M6X1 Threaded Air Connector,
30mm Long

[PDF](#)**TYPE10.AC10.PRV16377.901**

M6X1 Threaded Air Connector,
50mm Long

[PDF](#)**TYPE10.AC10.PRV16377.919**

M10X1.5 Threaded Air
Connector, 1.25" (31.80 mm)
Long

[PDF](#)**TYPE10.AC10.PRV16377.920**

1/8-27 NPT Threaded Air
Connector, 1.625" (41.30 mm)
Long

[PDF](#)

AC11 O-Ring Style Connection (Supporting Cone on Base Valves)

**TYPE10.AC11.PRV16473.900**

O-Ring Style Connector, 25mm
Long

[PDF](#)

AC12 Barbed Connector (Supporting Cone on Base Valves)**TYPE10.AC12.PRV17708.900**

*Threaded/Hose Barb Connector,
M6X1 Thread, 50mm Long*

[PDF](#)

**TYPE10.AC12.PRV17708.905**

*Threaded/Hose Barb Connector,
M10X1.5 Thread, 51.70 mm Long*

[PDF](#)

AC13 Straight Pipe Connector (Supporting Cone on Base Valves)**TYPE10.AC13.PRV16373.900**

*Straight Pipe Connector, 50mm
Long X 6mm OD*

[PDF](#)

**TYPE10.AC13.PRV16373.905**

*Straight Pipe Connector, 1.25"
(31.80 mm) Long X 10mm OD*

[PDF](#)

Retainers**PR36398**

*Retainer Groove Dimensions for
PRS952*

[PDF](#)

Tooling

None