

# Versilon™ PSD Hose

## Suction and Discharge Rubber Hose

Saint-Gobain Performance Plastics' Versilon PSD hose is constructed with a white FDA compliant chlorobutyl inner core and has an EPDM cover reinforced with two fabric spirals and a galvanized helix wire. The abrasion resistant cover of PSD helps maintain a clean appearance. PSD hose is designed to reduce the risk of taste and odor adulteration of fine food and beverage products and is highly resistant to common CIP solutions.

Versilon PSD hose has been carefully engineered to handle a wide variety of product and application requirements. PSD is rated for full suction and discharge service up to 150 psi. Our unique reinforced fabric spiral and wire helix design gives PSD exceptional flexibility for handling ease.

### Features and Benefits

- Engineered to handle a wide variety of applications
- Rated for full suction and discharge service up to 150 psi
- Unique reinforced fabric spiral and wire helix design delivers exceptional flexibility

### Typical Applications

- Cosmetics
- Personal care
- Food and beverage
- Dairy

### Regulatory Compliance

- Compliant with FDA 21CFR 177.2600
- USDA
- 3-A Sanitary Standard 62-02

## PSD Hose Specifications

Part Number	Inside Diameter		Outside Diameter		Maximum Working Pressure		Minimum Bend Radius		Vacuum Hg		Weight	
	(in)	(mm)	(in)	(mm)	(psi)	(MPa)	(in)	(mm)	(in)	(mm)	(lb/ft)	(kg/m)
<b>GRAY COVER</b>												
PSD050	1/2	12.7	1-1/32	26.2	150	1.03	2.00	50.8	29	736.6	0.40	0.60
PSD075	3/4	19.1	1-8/32	31.8	150	1.03	3.00	76.2	29	736.6	0.56	0.83
PSD100	1	25.4	1-17/32	38.9	150	1.03	4.00	101.6	29	736.6	0.65	0.97
PSD150	1-1/2	38.1	2-5/32	54.8	150	1.03	6.00	152.4	29	736.6	1.07	1.59
PSD200*	2	50.8	2-21/32	67.5	150	1.03	7.00	177.8	29	736.6	1.43	2.13
PSD250	2-1/2	63.5	3-6/32	81.0	150	1.03	8.00	203.2	29	736.6	2.08	3.10
PSD300*	3	76.2	3-24/32	95.3	150	1.03	9.00	228.6	29	736.6	2.63	3.91
PSD400*	4	101.6	4-24/32	120.7	150	1.03	12.00	304.8	29	736.6	3.13	4.66
PSD600	6	152.4	6-24/32	171.5	150	1.03	36.00	914.4	29	736.6	5.22	7.77
<b>WHITE COVER</b>												
PSD150-W	1-1/2	38.1	2-5/32	54.8	150	1.03	6.00	152.4	29	736.6	1.07	1.59
PSD200-W	2	50.8	2-21/32	67.5	150	1.03	7.00	177.8	29	736.6	1.53	2.28
PSD300-W	3	76.2	3-24/32	95.3	150	1.03	9.00	228.6	29	736.6	2.63	3.91

NOTE: Weights and outside diameter dimensions are nominal. Data given is for hose only. End fitting vs. hose pressure limitations must be considered and the lower of the two ratings must be used on assemblies. Pressure ratings are shown at ambient temperature (68°F). As temperature increases, working pressure and vacuum ratings will decrease. Contact factory for recommendation for assembly applications that exceed 200°F.

\* Heavy duty construction

## Construction

Inner Tube:	White chlorobutyl																				
Cover:	EPDM																				
Reinforcement:	Two fabric spirals with galvanized helix wire (carbon steel for the 6" size)																				
Color:	Gray with a blue layline in black lettering or white with a blue layline in black lettering																				
Temperature Rating:	-40°F to +225°F (continuous) +250°F (intermittent) -40°C to +107°C (continuous) +121°C (intermittent)																				
Maximum Length*:	<table border="1"> <tr> <td>1/2"</td> <td>100'</td> <td>2-1/2"</td> <td>100'</td> </tr> <tr> <td>3/4"</td> <td>100'</td> <td>3"</td> <td>100'</td> </tr> <tr> <td>1"</td> <td>100'</td> <td>4"</td> <td>100'</td> </tr> <tr> <td>1-1/2"</td> <td>100'</td> <td>6"</td> <td>20'</td> </tr> <tr> <td>2"</td> <td>100'</td> <td></td> <td></td> </tr> </table>	1/2"	100'	2-1/2"	100'	3/4"	100'	3"	100'	1"	100'	4"	100'	1-1/2"	100'	6"	20'	2"	100'		
1/2"	100'	2-1/2"	100'																		
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1"	100'	4"	100'																		
1-1/2"	100'	6"	20'																		
2"	100'																				

\*Special order up to 400ft. length

## Fitting Options

### Versilon ReSeal® Reusable Fittings

- Available in 11 standard end styles (Other end styles available)
- Stems are manufactured from grade 316L stainless steel with an average interior surface finish as low as 15Ra
- Hose sleeves are available in either stainless steel or high impact polymer

### Versilon Crimp Style Fittings

- Over 40 styles of stocked crimp-style fittings in a wide range of materials
- Standard: 316L stainless steel (wetted surfaces)

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