



Versilon® BCP Hose

POLYPROPYLENE BRAIDED HELICALLY CONVOLUTED INNER TUBE ANTI-STATIC FLUOROPOLYMER HOSE

Saint-Gobain's Versilon® BCP hose is constructed with a black electrostatic dissipating conductive PTFE convoluted inner tube and reinforced with polypropylene braid. The convoluted inner tube is low profile and helically formed to promote drainage. This design enables superior flexibility and vacuum resistance. The polypropylene braid does not conduct internal heat as readily as stainless steel braided hoses and burn potential from accidental contact is greatly reduced.

Versilon® BCP hose does not absorb color and odor, cleans easily with SIP, CIP and can be autoclaved. It is also non-stick and noncontaminating.

Typical Applications

- Chemical transfer
- Solvent transfer
- Acid lines
- CIP lines



Features and Benefits

Electrostatic dissipating conductive PTFE inner tube:

- Superior flexibility and vacuum resistance
- Convoluted inner tube is low profile and helically formed to promote drainage
- Does not absorb color or odor
- Non-stick, non-contaminating
- Easy to clean (SIP, CIP, autoclavable)

Polypropylene braid:

- Ultraviolet (UV) stabilized
- Lightweight
- Does not conduct internal heat as readily as stainless steel braided hoses
- Greatly reduces burn potential from accidental contact

Regulatory Compliance

- USDA



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Versilon® BCP Hose Specifications

Part Number	Inside Diameter		Outside Diameter		Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius		Vacuum Hg @ 70°F		Weight	
	(in)	(mm)	(in)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(in)	(mm)	(in)	(mm)	(lb/ft)	(kg/m)
2708BCP00	1/2	12.7	7/8	22.2	250	1.72	1,000	6.89	1.75	44.5	29.9	760	0.10	0.15
2712BCP00	3/4	19.1	1-1/4	31.8	250	1.72	1,000	6.89	2.25	57.2	25.0	635	0.19	0.28
2716BCP00	1	25.4	1-1/2	38.1	250	1.72	1,000	6.89	2.75	69.9	22.0	559	0.24	0.36

⚠ Important:

Burst Pressure ratings at ambient 70°F (21°C). See applicable notes below on pressure ratings at temperatures other than ambient. Decrease working pressure to 30 psi for all sizes at temperatures above 175°F. Consult factory for higher temperature applications. Data given is for straight hose installation through 250°F.

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.

Construction

Inner Tube:	Black electrostatic dissipating conductive PTFE	
Reinforcement:	Polypropylene braid -Each strand of large diameter (denier) polypropylene monofilament is twisted and subsequently twined prior to braiding -Tested for maximum abrasion and chemical resistance	
Temperature Rating:	-40°F to +250°F -40°C to +121°C	
Maximum Length:	1/2" 3/4" 1"	100' 100' 100'

Hose Cover Options

- Anti-kink casing
- Firesleeve/insulating cover
- Heat shrink/rubber cover
- Silicone slip-on cover

Fitting Options

Versilon® Crimp Style Fittings

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

Common Media

- Sulfuric acid
- Hexane/lacquer
- Hydrofluoric acid
- Caustic solutions
- Hot water cleaning

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



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NOTE: The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.

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