



Versilon™ BCP Hose

Polypropylene Braided Helically Convoluted Inner Tube Anti-Static Fluoropolymer Hose

Saint-Gobain Performance Plastics' 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 non-contaminating.

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

Typical Applications

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

Regulatory Compliance

- USDA

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' |

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

Hose Cover Options

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

Contact your sales manager or customer service representative for hose cover recommendations fitting to suit your application.

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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