



# Versilon™ WCP Hose

## Polypropylene Braided Helically Convoluted Inner Tube Fluoropolymer Hose

Saint-Gobain Performance Plastics' Versilon WCP hose is constructed with a 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 WCP hose reduces risk of flavor contamination, 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

PTFE inner tube:

- Superior flexibility and vacuum resistance
- Convoluted inner tube is low profile and helically formed to promote drainage
- Low risk of flavor contamination
- 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
- Food and beverage transfer

### Regulatory Compliance

- USDA
- Compliant with FDA 21CFR 177.1550
- US Pharmacopeia Class VI

## WCP 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)
2708WCP00	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
2712WCP00	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
2716WCP00	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:	White 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
- 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 to suit your application.

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