

Versilon[®] GCR Hose

CRUSH RESISTANT RUBBER HOSE

Versilon[®] GCR hose features a monofilament helix that allows the hose to spring back to its original shape after being twisted, kinked or run over by a vehicle. You can actually run over this hose with a fully loaded bulk truck and keep right on using it.

GCR conveys a wide variety of products - suited especially for high traffic areas such as receiving bays or raw product intake stations. The seamless tube of the GCR will not impart taste or odor and the abrasion resistant cover is non-marking. The crush resistant hose has a high working pressure and can be safely cleaned with open end steam at low pressures.

Typical Applications

- Cosmetics
- Personal care
- Food and beverage
- Dairy

**Use restrictions and limitations may apply. Customers may want to verify the FDA compliance status of the outer layers if using the product for food contact applications.*

Features and Benefits

- Abrasion resistant non-marking cover perfect for high traffic areas
- Crush resistant
- Monofilament helix allows hose to return to original shape after being twisted, kinked or run over by a vehicle
- Suitable for Clean-In-Place (CIP)
- Rated for high pressures

Regulatory Compliance

- **Inner Tube:** The Santoprene[™] rubber inner tube meets the requirements of FDA 21 CFR 177.2600 and USDA 9 CFR 317.24*
- **Reinforcement:** Multiple fabric spirals with monofilament helix wire
- **Cover:** Abrasion resistant, non-marking EPDM cover
- **Hose:** 3-A Sanitary Standard 62-02



Versilon® GCR Hose

Versilon® GCR 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)
GCR150	1-1/2	38.1	2-5/32	54.8	250	1.72	5.00	127.0	20	508	1.05	1.56
GCR200	2	50.8	2-21/32	67.5	250	1.72	7.00	177.8	20	508	1.33	1.98
GCR250	2-1/2	63.5	3-6/32	81.0	250	1.72	12.00	304.8	20	508	1.77	2.63
GCR300	3	76.2	3-24/32	95.3	250	1.72	18.00	457.2	20	508	2.30	3.42
GCR400	4	101.6	4-24/32	120.7	200	1.38	36.00	914.4	20	508	2.94	4.38

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.

WARNING: GCR is rated at 20 Hg (about 75% vacuum) but will actually pull a full vacuum when new. Repeated collapsing of the hose by twisting, kinking, etc., creates a "soft spot" that reduces vacuum capabilities, even though the hose rebounds to its original shape.

Construction

Inner Tube:	Santoprene™ rubber
Cover:	EPDM
Reinforcement:	Multiple fabric spirals with monofilament helix
Color:	Red with a white layline in red lettering
Temperature Rating:	-40°F to +225°F (continuous) +250°F (intermittent) -40°C to +107°C (continuous) +121°C (intermittent)
Maximum Length:	100 feet (all sizes)

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)

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.



Saint-Gobain
210 Harmony Road
Mickleton, NJ 08056
USA

www.ics.saint-gobain.com



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.

Versilon® is a registered trademark of Saint-Gobain Performance Plastics Corporation.