

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.

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

Typical Applications

- Cosmetics
- Personal care
- Food and beverage
- Dairy

Regulatory Compliance

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

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)

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