

# SaniGard® Rubber Hose Series

APPLICATIONS: FOOD, BEVERAGE, DAIRY, COSMETICS, PERSONAL HYGIENE

## SaniGard® Protector® PSD Suction and Discharge Rubber Hose



### FEATURES/BENEFITS

- Engineered to handle a wide variety of applications
- Rated for full suction and discharge service up to 150 psi
- Unique reinforced fabric spiral and wire helix design delivers exceptional flexibility

### COLOR

- Gray or white with blue stripe

### CONSTRUCTION

- Inner tube: white FDA butyl
- Cover: EPDM reinforced with two fabric spirals with helix wire

### FITTINGS

- ReSeal® reusable or PermaSeal® permanent

### TEMPERATURE RATING

- -40° to +225°F (continuous)
- +250°F (intermittent)

### APPROVALS

- FDA

### HOSE SPECIFICATIONS

Part Number	Inside Diameter (in.)	Outside Diameter (in.)	Max. Working Pressure (PSI)	Min. Bend Radius (in.)	Vacuum in HG	Weight Per Cubic Foot
<b>GRAY COVER</b>						
PSD050	1/2	1-1/32	150	2.0	29	30 LBS.
PSD075	3/4	1-8/32	150	3.0	29	55 LBS.
PSD100	1	1-17/32	150	4.0	29	85 LBS.
PSD150	1-1/2	2-5/32	150	6.0	29	96 LBS.
PSD200*	2	2-21/32	150	7.0	29	135 LBS.
PSD250	2-1/2	3-6/32	150	8.0	29	180 LBS.
PSD300*	3	3-24/32	150	9.0	29	245 LBS.
PSD400*	4	4-24/32	150	12.0	29	340 LBS.
PSD600	6	6-24/32	150	36.0	29	475 LBS.
<b>WHITE COVER</b>						
PSD150-W	1-1/2	2-5/32	150	6.0	29	96 LBS.
PSD200-W	2	2-21/32	150	7.0	29	135 LBS.
PSD300-W	3	3-24/32	150	9.0	29	245 LBS.

\* Heavy duty construction

NOTE: All SaniGard® product pressure ratings are shown at ambient temperature (68°F). As temperatures increase, working pressure and vacuum ratings will decrease. Contact factory for recommendations for assembly applications that exceed 200°F.

## SaniGard® Sentry® SSW Softwall Discharge Rubber Hose



### FEATURES/BENEFITS

- Softwall design for extra flexibility and handling ease
- Ultra-lightweight
- Designed exclusively for discharge service when structural rigidity is not needed
- Chemically resistant to mild caustic solutions
- High pressure rated
- Ideally suited for overhead CIP wash units

### COLOR

- Blue with yellow stripe

### CONSTRUCTION

- Inner tube: white butyl
- Cover: EPDM reinforced with two fabric spirals

### FITTINGS

- ReSeal® reusable or PermaSeal® permanent

### TEMPERATURE RATING

- -40° to +225°F (continuous)
- +250°F (intermittent)

### APPROVALS

- FDA

### HOSE SPECIFICATIONS

Part Number	Inside Diameter (in.)	Outside Diameter (in.)	Max. Working Pressure (PSI)	Min. Bend Radius (in.)	Vacuum in HG	Weight Per Cubic Foot
SSW150	1-1/2	2-5/32	250	—	0	80 LBS.
SSW200	2	2-21/32	250	—	0	110 LBS.
SSW250	2-1/2	3-6/32	250	—	0	198 LBS.
SSW300	3-24/32	3-24/32	250	—	0	245 LBS.

WARNING: Not recommended for applications that require structural rigidity.

NOTE: All SaniGard® product pressure ratings are shown at ambient temperature (68°F). As temperatures increase, working pressure and vacuum ratings will decrease. Contact factory for recommendations for assembly applications that exceed 200°F.

## SaniGard® Challenger™ FEP/Teflon® CTL Suction and Discharge Rubber Hose



### COLOR

- White with green stripe

### CONSTRUCTION

- Inner tube: white FEP/Teflon®
- Cover: white EPDM reinforced with two fabric spirals with dual wire helix and static wire
- Heavy-duty construction option available

### FITTINGS

- PermaSeal® permanently installed or ReSeal® reusable with stainless steel hose sleeves only

### TEMPERATURE RATING

- -40° to +350°F

### APPROVALS

- FDA
- Meets U.S. Pharmacopeia Class VI requirements

### FEATURES/BENEFITS

- Premium quality with smooth, non-stick, chemically inert FEP Teflon® lining
- Does not impart taste or odor
- Can be safely cleaned with open end steam at low pressures
- Dual helix with static dissipated wire provides full vacuum, excellent flexibility and added safety when electrical continuity is required
- Excellent chemical resistance
- Durable and kink-resistant

HOSE SPECIFICATIONS						
Part Number	Inside Diameter (in.)	Outside Diameter (in.)	Max. Working Pressure (PSI)	Min. Bend Radius (in.)	Vacuum in HG	Weight Per Cubic Foot
CTL050	1/2	1-3/32	150	4.0	29	43 LBS.
CTL075	3/4	1-8/32	150	3.0	29	53 LBS.
CTL100	1	1-17/32	150	3.5	29	83 LBS.
CTL150	1-1/2	2-5/32	150	4.5	29	92 LBS.
CTL200	2	2-21/32	150	6.5	29	133 LBS.
CTL250	2-1/2	3-6/32	150	8.5	29	190 LBS.
CTL300	3	3-24/32	150	12.5	29	225 LBS.
CTL400	4	4-24/32	150	20.5	29	395 LBS.

NOTE: All SaniGard® product pressure ratings are shown at ambient temperature (68°F). As temperatures increase, working pressure and vacuum ratings will decrease. Contact factory for recommendations for assembly applications that exceed 200°F.

Teflon™ is a registered trademark of E.I. du Pont Nemours and Company.

## SaniGard® Gladiator® Crush-Resistant GCR Rubber Hose



### COLOR

- Red with yellow or white stripe

### CONSTRUCTION

- Inner tube: white butyl or synthetic polyester
- Cover: EPDM reinforced with multiple fabric spirals with monofilament helix

### FITTINGS

- PermaSeal® permanently installed or ReSeal® reusable

### TEMPERATURE RATING

- -40° to +225°F (continuous)
- +250°F (intermittent)

### APPROVALS

- FDA

### FEATURES/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)
- High pressure rated

HOSE SPECIFICATIONS						
Part Number	Inside Diameter (in.)	Outside Diameter (in.)	Max. Working Pressure (PSI)	Min. Bend Radius (in.)	Vacuum in HG	Weight Per Cubic Foot
GCR150	1-1/2	2-5/32	250	5.0	20	101 LBS.
GCR200	2	2-21/32	250	7.0	20	117 LBS.
GCR250	2-1/2	3-6/32	250	12.0	20	150 LBS.
GCR300	3	3-24/32	250	18.0	20	215 LBS.
GCR400	4	4-24/32	250	36.0	20	348 LBS.

NOTE: All SaniGard® product pressure ratings are shown at ambient temperature (68°F). As temperatures increase, working pressure and vacuum ratings will decrease. Contact factory for recommendations for assembly applications that exceed 200°F.

WARNING: Gladiator® 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.