

# Versilon™ Rubber, Silicone & PVC Hose and Fitting Selection Guide



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## Versilon™ Rubber Hose Styles

### PSD

White chlorobutyl lined suction and discharge EPDM rubber hose

**Size range** : 1/2" to 6" I.D.

**Temperature rated** : -40°F to +225°F  
(continuous),  
+250°F  
(intermittent)

**End connections** : ReSeal® reusable; Permanent crimp style



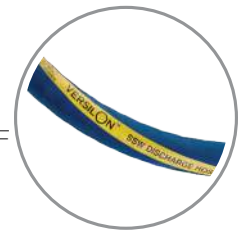
### SSW

White chlorobutyl lined softwall discharge EPDM rubber hose

**Size range** : 1-1/2" to 3" I.D.

**Temperature rated** : -40°F to +225°F  
(continuous),  
+250°F  
(intermittent)

**End connections** : ReSeal® reusable; Permanent crimp style



### CTL

Smooth I.D. FEP fluoropolymer lined suction and discharge EPDM rubber hose

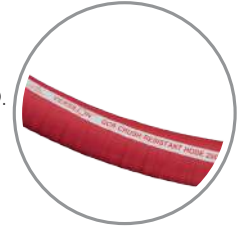
- Size range** : 1/2" to 4" I.D.
- Temperature rated** : -40°F to +350°F
- End connections** : ReSeal® reusable; Permanent crimp style



### GCR

Santoprene rubber lined crush resistant EPDM rubber hose

- Size range** : 1-1/2" to 4" I.D.
- Temperature rated** : -40°F to +225°F (continuous), +250°F (intermittent)
- End connections** : ReSeal® reusable; Permanent crimp style



### FGR

White nitrile-PVC blend lined food grade EPDM rubber hose

- Size range** : 1/2" to 4" I.D.
- Temperature rated** : -40°F to +250°F
- End connections** : Permanent crimp style



### G-FDA

White EPDM lined high temperature suction and discharge EPDM rubber hose

- Size range** : 1/2" to 4" I.D.
- Temperature rated** : -40°F to +300°F
- End connections** : Permanent crimp style



### MHH

White chlorobutyl lined rubber milk hauler hose

- Size range** : 51.0 mm to 76.0 mm
- Temperature rated** : -40°F to +190°F
- End connections** : ReSeal® reusable



### BRH

White chlorobutyl lined EPDM rubber brewer hose

- Size range** : 1" to 3" I.D.
- Temperature rated** : -22°F to +222°F
- End connections** : ReSeal® reusable; Permanent crimp style



## Versilon™ Silicone Hose Styles

### SPD

Single-ply polyester braid reinforced silicone hose

- Size range** : 1/4" to 1-1/2" I.D.
- Temperature rated** : -80°F to +350°F
- End connections** : ReSeal® reusable; Permanent crimp style



### FPD

Four-ply polyester braid reinforced silicone hose

- Size range** : 1/2" to 3" I.D.
- Temperature rated** : -80°F to +350°F
- End connections** : ReSeal® reusable; Permanent crimp style



### FPW

Four-ply polyester braid and wire reinforced silicone hose

- Size range** : 1/2" to 3" I.D.
- Temperature rated** : -80°F to +350°F
- End connections** : ReSeal® reusable; Permanent crimp style



# Versilon™ PVC Hose Styles

## CBT

Polyester inner braid reinforced PVC hose

**Size range** : 1/2" to 2" I.D.

**Temperature rated** : +25°F to +150°F

**End connections** : ReSeal® reusable; Permanent crimp style



## CCT

Non reinforced PVC hose

**Size range** : 1/2" to 2" I.D.

**Temperature rated** : +25°F to +150°F

**End connections** : ReSeal® reusable; Permanent crimp style



## CSS

Steel wire reinforced PVC hose

**Size range** : 1/2" to 3" I.D.

**Temperature rated** : +25°F to +150°F

**End connections** : ReSeal® reusable; Permanent crimp style



## CSC

Clear helix reinforced PVC hose

**Size range** : 1" to 4" I.D.

**Temperature rated** : -4°F to +150°F

**End connections** : ReSeal® reusable



## CSW

White helix reinforced PVC hose

**Size range** : 1" to 3" I.D.

**Temperature rated** : -4°F to +150°F

**End connections** : ReSeal® reusable



# Versilon™ ReSeal® Reusable Fitting End Connections

**Fitting material** : Grade 316L stainless steel with an average interior surface finish as low as 15 Ra

**Hose sleeves** : Available in either stainless steel or high impact polymer

**End connector styles** :

- Sanitary Clamp (Rubber, silicone and PVC hoses)
- Sanitary Step-Up Sizes (Rubber, silicone and PVC hoses)
- Bevel Seat & Hex Nut (Rubber and PVC hoses)
- Male and Female Cam & Groove (Rubber hoses)
- Male and Female I-Line (Rubber hoses)
- Male Pipe Thread (Rubber, silicone and PVC hoses)
- Tube End (Rubber, silicone and PVC hoses)
- Flange End (Rubber and silicone hoses)



# Versilon™ Permanent Crimp Style Fitting End Connections

## Sanitary

Sanitary clamp style, 316L stainless steel  
**Style 10**



Sanitary “jump” styles clamp style, 316L stainless steel  
**Style 10U** - 1 step up  
**Style 10UU** - 2 steps up



Sanitary “mini”, 316L stainless steel  
**Style 11**



Sanitary “mini” jump size, 316L stainless steel  
**Style 11U**



Bevel seat/nut, 316L stainless steel insert 304 stainless steel nut  
**Style 20**



Sanitary “maxi” size for Sani-Tech® Rigid connections, 316L stainless steel  
**Style 25**



Bevel seat, male threads, 316L stainless steel  
**Style 40**



Butt Weld, sanitary tube size 316L stainless steel  
**Style 41**



Male I-line, 316L stainless steel  
**Style 50**



Female I-line, 316L stainless steel  
**Style 51**



**Fittings made from other materials such as high nickel alloys and PVDF are available. Contact us for more information.**

## Flanged Connections Class 150 Lap Joint Flanges Shown • Class 300 Lap Joint Flanges Available

316L Flange retainer with: 304 or 316L lap joint flanges  
**Style 12S6** - 316L flange  
**Style 12S4** - 304 flange



Epoxy coated carbon steel lap joint flange  
**Style 12C** - Epoxy carbon steel flange



## Male Cam & Groove

316L stainless steel male cam & groove  
**Style 17** - Male & hose barb same size  
**Style 17U** - Male is one size larger than hose barb



Fluoropolymer encapsulated male cam & groove fittings available on selected hose styles & sizes. Consult factory for availability

## Female Cam-Lock (Cam & Groove)

Female cam-lock, swivel style non-locking arms  
316L insert 316 stainless steel body  
**Style 16**



Female cam-lock, swivel style locking and nonlocking arms  
"Flare-Thru" option  
**Style 16FTLK** - Locking arms  
**Style 16FTS6** - Non-locking arms



Female cam-lock swivel style locking arms  
316L insert 316 stainless steel body  
**Style 16LK**



Fluoropolymer Flare-Thru female cam & groove fittings available on selected hose styles & sizes. Consult factory for availability

## NPT

Male NPT; 316 L stainless steel hex style  
**Style 03** - MNPT & hose barb same size



Male NPT jump sizes hex style; 316L stainless steel  
**Style 03U** - Step-up  
**Style 03D** - Step-down 2-1/2" & larger fittings have "wrench flats"  
**Style 04** - Male NPT, plain



Female NPT  
**Style 06** - Hex style; 316L stainless steel  
Hose barb & female NPT same size  
**Style 05** - Female NPT, plain



## Unions/Female JIC

Male union 316L stainless steel  
JIC x male NPT pipe adapter  
**Style 08** - Hose and MNPT barb same size  
**Style 08U** - Step-up  
**Style 08D** - Step-down



Female union 316L stainless steel  
JIC x female pipe adapter  
**Style 07** - Same size FNPT pipe x hose barb  
**Style 07U** - Step-up  
**Style 07D** - Step-down



Female JIC swivel anti-torque style  
316L stainless steel  
**Style 02HSN** - JIC & hose barb same size



Butt Weld, 316L stainless steel "pipe size"  
**Style 01**  
Pipe size & hose barb same size. Length & pipe schedule can be custom manufactured. Consult factory



Female JIC swivel 316L stainless steel insert, 304 stainless steel swivel nut  
**Style 02** - JIC & hose barb same size



## Regulatory Compliance

### Rubber, Silicone and PVC Hoses

Hose Name	FDA Compliant Liner	3-A Sanitary Standard 62-02	USDA	CFIA	US Pharmacopeia Class VI
PSD	•	•	•		
SSW	•	•	•		
CTL		•	•		•
GCR	•	•	•		
FGR	•	•	•		
G-FDA	•	•	•		
MHH	•	•	•		
BRH	•	•	•		
SPD	•	•			•
FPD	•	•			•
FPW	•	•			•
CBT	•	•	•	•	
CCT	•	•	•	•	
CSS	•	•	•	•	
CSC	•	•	•		
CSW	•	•	•		

# Rubber, Silicone & PVC Hose and Fitting Selection Guide

**TYGON**<sup>®</sup>  
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