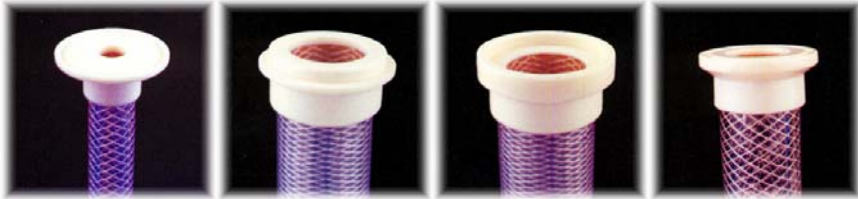


Unitized PVC Assemblies

Smooth Inner Bore Hose & Tubing Assemblies



Unitized PVC tubing assemblies are constructed with non-metallic fittings, including sanitary Tri-Clamp® I-Line, Q-Line Bevel Seat, Male Cam-Locks and MPT. Utilizing the S.I.B.® technology, they eliminate bacteria traps which may occur with the use of conventional stainless steel hose adapters and clamps. Sanitary unitized assemblies are available in sizes 1/2" to 3" and meet FDA, USDA and 3A standards.



Tri-Clamp®

Male I-Line

Female I-Line

Q-Line



Bevel Seat

Male Cam-Lock

MPT

BIOPHARMACEUTICAL PRODUCTS

Features/Benefits

- **S.I.B.® technology to ensure crevice-free construction**
- **Clear, flexible PVC available non-reinforced, braided or wire reinforced**
- **Imparts no taste or color**
- **Non-Toxic**
- **Non-Pyrogenic**
- **Alkaline-Resistant**
- **COP/CIP Sanitizing**
- **Meets FDA, USDA and 3A Approvals**

Features/Benefits

- **Food & Beverage**
- **Dairy**
- **Medical**

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Page 1

Unitized PVC Assemblies

Specifications and Sizes

Clear, Non-Reinforced PVC Unitized Assemblies

Sani-Tech® clear PVC tubing offers an advanced technological design featuring flexible, unitized non-metallic tubing assemblies which eliminate bacteria traps that occur when using conventional stainless steel hose barb adapters and clamps. Unitized end connections ensure a smooth, uninterrupted product flow utilizing S.I.B.® technology.

Clear Non-Reinforced Unitized End Connections									
FCL	I.D.	O.D.	Tri-Clamp size	I-Line size	Q-Line size	Bevel size	MPT size	Max. Wrk. Temp.	Max. Wrk. PSI@68°F
0250	1/4	1/2	Mini	-	-	-	-	175 F	70
0375	3/8	5/8	Mini-1"	-	-	-	1/2	175 F	65
0500	1/2	13/16	Mini-1"	-	-	-	1/2	175 F	60
0750L	3/4	1 1/8	1"	-	-	-	3/4	175 F	50
0750M	3/4	1 1/8	Maxi	-	-	1	3/4	175 F	50
0875L	7/8	1 5/32	1"	-	1	-	1	175 F	40
0875M	7/8	1 5/32	Maxi	-	1	-	1	175 F	40
1000	1	1 3/8	1 1/2 - 2"	1 1/2	1 1/2	1 1/2	1	175 F	45
1250	1 1/4	1 3/4	1 1/2"	-	-	-	1	175 F	40
1500	1 1/2	2	2"	2	2	2	-	175 F	40
2000	2	2 1/2	2 - 2 1/2"	2 1/2	2 1/2	2 1/2	-	175 F	35

Temperature Range: -30° to 175°F

Braid-Reinforced PVC Unitized Assemblies

Sani-Tech® braided PVC tubing offers an advanced technological design featuring flexible, unitized non-metallic tubing assemblies which eliminate bacteria traps that occur when using conventional stainless steel hose barb adapters and clamps. Unitized end connections ensure a smooth, uninterrupted product flow utilizing the S.I.B.® technology.

Braid-Reinforced Unitized End Connections									
FBR	I.D.	O.D.	Tri-Clamp size	I-Line size	Q-Line size	Bevel size	MPT size	Max. Wrk. Temp.	Max. Wrk. PSI@68°F
0125	1/8	21/64	Mini	-	-	-	-	175 F	460
0250	1/4	1/2	Mini-1"	-	-	-	1/4	175 F	250
0375	3/8	5/8	Mini-1"	-	-	-	1/2	175 F	240
0500	1/2	13/16	Mini-1"	-	-	-	1/2	175 F	200
0625	5/8	1	Mini-1"	-	-	-	3/4	175 F	160
0750L	3/4	1 1/8	1"	-	-	1	3/4	175 F	130
0750M	3/4	1 1/8	Maxi	-	-	-	3/4	175 F	130
0875	13/16	1 5/32	1"	-	1	-	1	175 F	125
1000	1	1 3/8	1 1/2-2"	1 1/2	1 1/2	1 1/2	-	175 F	100
1250	1 1/4	1 3/4	1 1/2"	-	-	-	-	175 F	100
1500	1 1/2	2	2"	2	2	2	-	175 F	65
1856	1.856	2.370	2-2 1/2"	2 1/2	2 1/2	2 1/2	-	175 F	65
2000	2	2 1/2	2-2 1/2"	2 1/2	2 1/2	2 1/2	-	175 F	65

Temperature Range: -40° to 175°F



Unitized PVC Assemblies

Specifications and Sizes

Spiral-Reinforced PVC Unitized Assemblies

Sani-Tech® spiral-reinforced PVC tubing offers an advanced technological design featuring flexible, unitized non-metallic tubing assemblies which eliminate bacteria traps that occur when using conventional stainless steel hose barb adapters and clamps. Unitized end connections ensure a smooth, uninterrupted product flow utilizing the S.I.B.® technology.

Spiral-Reinforced Unitized End Connections									
FV	I.D.	O.D.	Tri-Clamp size	I-Line size	Q-Line size	Bevel size	MPT size	Max. Wrk. PSI@68°F	Vacuum Rating
0750	3/4	15/16	1"	1	-	1	-	95	28
1000	1	1 1/4	1 1/2"	1 1/2	1 1/2	1 1/2	-	80	28
1250	1 1/4	1 1/2	1 1/2"	-	-	-	-	80	28
1500	1 1/2	1.812	2"	2	2	2	-	80	28
2500	2 1/2	2.88	3"	3	3	3	-	65	28

Temperature Range: -35° to 175°F

Wire-Reinforced Unitized PVC Assemblies

Sani-Tech® 316 Stainless Steel wire-reinforced PVC Vacuum Series, FVW wire reinforced tubing offers an advanced technological design featuring flexible, unitized tubing assemblies which eliminate bacteria traps that occur when using conventional stainless steel hose barb adapters and clamps. Unitized end connections ensure a smooth, uninterrupted product flow utilizing the S.I.B.® technology.

Wire-Reinforced Unitized End Connections									
FVW	I.D.	O.D.	Tri-Clamp size	I-Line size	Q-Line size	Bevel size	MPT size	Max. Wrk. PSI@68°F	Vacuum Rating
0375	3/8	5/8	Mini-1"	-	-	-	1/2	175	29.9
0500	1/2	3/4	Mini-1"	-	-	-	1/2	150	29.9
0625	5/8	7/8	Mini-1"	-	-	-	1/2	100	29.9
0750L	3/4	1	1"	1	-	1	3/4	100	29.9
0750M	3/4	1	Maxi	1	-	1	3/4-1	100	29.9
1000	1	1 1/4	1 1/2-2"	1 1/2	1 1/2	1 1/2	1	85	29.9
1250	1 1/4	1.560	1 1/2"	-	-	-	-	85	29.9
1500	1 1/2	1.890	2"	2	2	2	2	85	29.9
2000	2	2.360	2-2 1/2"	2 1/2	2 1/2	2 1/2	-	70	29.9

Temperature Range: -30° to 175°F

*Sani-Tech® and S.I.B.® are registered trademarks of Saint-Gobain Performance Plastics.
Tri-Clamp® is a registered trademark of Alfa Laval.*

