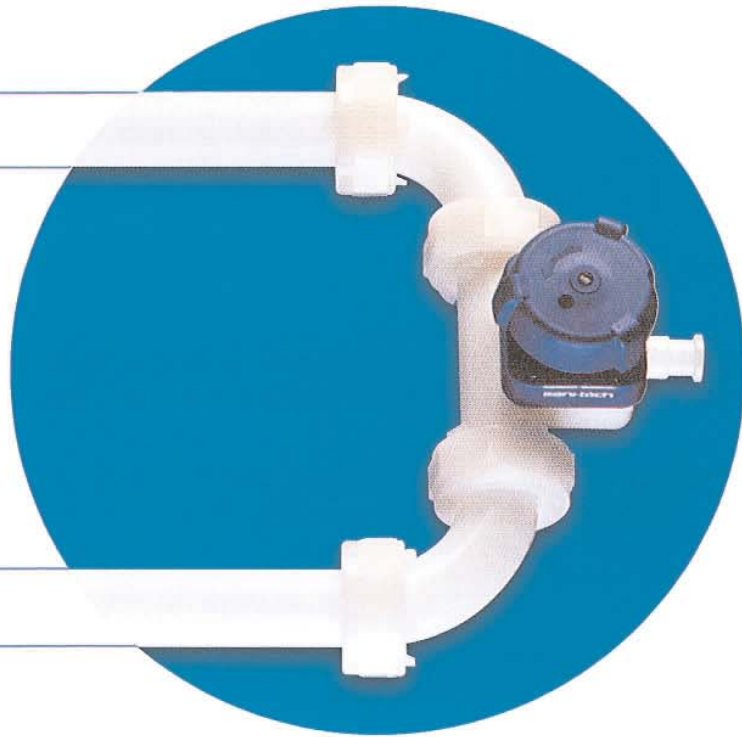


SANI-PRO-SPECIFICATIONS



SPECIFICATIONS FOR SANI-PRO-K

1.0 – MATERIALS

Tubing and fittings shall be virgin, high strength, natural unpigmented Kynar Polyvinylidene Fluoride homopolymer. Materials shall meet or exceed FDA 21 CFR 177.1520, USDA, 3-A and USP class VI as supplied by Sani-Tech systems, Saint Gobain Performance Plastics.

Tubing and fitting dimensions shall conform to sanitary tubing inside diameter dimensions as indicated below.

NOMINAL SIZE	INNER DIAMETER	
	INCHES	MM
3/4" MINI	0.560	14.2
1" MAXI	0.856	21.7
1 1/2"	1.356	34.4
2"	1.856	47.1
2 1/2"	2.356	59.8
3"	2.856	72.5

2.0 – JOINING TECHNIQUES

All tubing and fittings shall be joined utilizing sanitary Tri-Clamp style ferrules or S.I.B. (Smooth Inner Bore) technology. Socket or butt fusion joining methods, which create an internal entrapment area, will not be accepted.

Sanitary ferrules shall be supplied as factory molded ends or field formed using Sani-Tech systems STFF Flange forming tools according to factory procedures and guidelines. All joints shall utilize a PVDF True Union Clamp and gasket assembly per factory specifications. High purity platinum cured silicone gaskets shall be the gasket material of choice unless prohibitive by media compatibility issues.

Fusion joints shall be performed using S.I.B. equipment and technology. Factory personnel shall train installers and all installation practices shall be in compliance with the manufacturer's recommendations.

3.0 – VALVES AND CONTROL DEVICES

All valves and control devices shall be unpigmented Polyvinylidene Fluoride meeting the same standards as the tubing and fittings and supplied by the same manufacturer in order to ensure pure process compatibility with all components. All valves and devices will be supplied with either sanitary Tri-clamp style ends or plain ends prepared for S.I.B. fusion welding.

1.0 – MATERIALS

Tubing and fittings shall be virgin, high strength, natural unpigmented polypropylene copolymer. Materials shall meet or exceed FDA 21 CFR 177.1520, USDA, 3-A and USP class VI as supplied by Sani-Tech systems, Saint Gobain Performance Plastics.

Tubing and fitting dimensions shall conform to sanitary tubing inside diameter dimensions as indicated below.

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