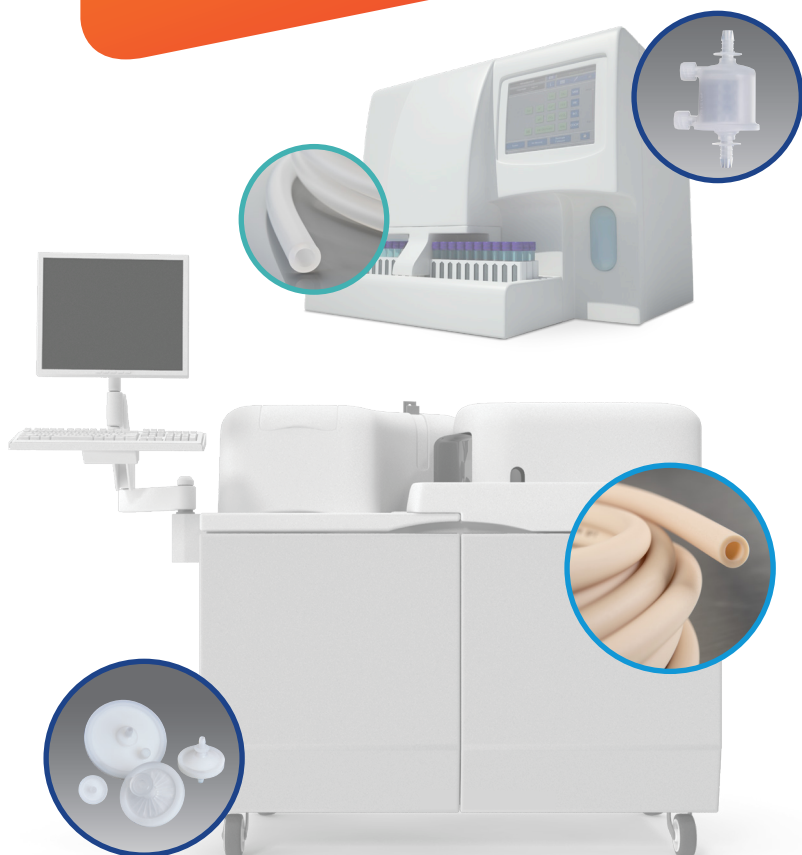




DIAGNOSTICS BY DESIGN



Quality Components for Complex Systems

Whether you're designing a bench-top system for a physician's office or a large-scale system for a clinical laboratory, Saint-Gobain Medical can help simplify the development of your in vitro diagnostic (IVD) device. Leveraging our deep materials expertise and application knowledge, we offer purpose-built tubing and filtration products with the quality and consistency you require.

TRANSFER TUBING

Sample/Reagent Tubing

Excellent chemical compatibility, low adsorption

- Multi-layered with fluoropolymer liner
- PTFE
- Silicone
- PEEK
- TPO

Waste Disposal Tubing

Easy to weld/bond, good chemical resistance, cost effective

- Flexible TP
- TPU

PERISTALTIC PUMP TUBING

Exceptional pump performance for dosing accuracy, chemical resistance, and longevity

- TPV
- TPE

CUSTOM FILTRATION

Customized filtration solutions to meet the demands of IVD systems

- Sheath fluid filters
- Air filters
- In-line sample filters

Tubing Overview for Diagnostics

Leverage our global manufacturing footprint and broad range of materials to streamline your IVD supply chain.

	Material Type	Adsorption	Bend Capability	Chemical Compatibility	Weldable	Bioinert	Hardness (typical)	Appearance	Sterilization ²
Sample / reagent tubing formulations									
Versilon® C-210-A-CE ³	PVDF/TPU	+++	++	+++	+	+++ ¹	82 A (jacket)	Translucent	A-γ
Versilon® PTFE	PTFE	+++	+	+++	+	+++	55 D	Opaque White	A-EtO
Bio-Sil® tubing	Silicone	+	+++	+	NR	+++	40-65 A	Translucent	A-γ-EtO
Versilon® PEEK	PEEK	+++	+	+++	+	+++	56 D	Opaque Beige	A-γ-EtO
Tygon® 2475	TPO	++	+++	++	+	++	72 A	Transparent	γ-EtO
Tygon® MPF-100	TPO	++	++	++	+	++	87 A	Transparent	γ-EtO
Waste disposal tubing formulations									
Tygon® ND 100-65	TP	+	+++	+	+++	+	65 A	Transparent	A-γ-EtO
Tygon® E-3603	TP	+	+++	+	+++	+	56 A	Transparent	A-γ-EtO
Tygon® MPF-300	TPU	++	++	+	+++	++	83 A	Transparent	γ-EtO
Pump tubing recommendations									
PharMed® BPT	TPE	++	+++	++	++	++	64 A	Opaque Beige	A-γ-EtO
Sanipure™ BDF™	TPE	++	+++	++	+++	++	60 A	Translucent	A-γ-EtO
PharmaPure® tubing	TPE	++	+++	++	++	++	65 A	Opaque White	A-γ-EtO
Tygon® E-LFL	TP	+	+++	+	+++	+	56 A	Transparent	A-γ-EtO

Note: Table represents product recommendations based on a combination of industry knowledge, material science expertise and/or material testing data. Please reach out to Saint-Gobain Medical for further tubing recommendation information.

TYGON® Bio-Sil®

Key: Fair (+), Good (++), Excellent (+++) // NR = not recommended

1. Based on the jacket compatibility **2.** A = Autoclave, γ = Gamma, EtO = Ethylene Oxide **3.** Custom formulation

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