

Pure Fit SIB[®]

Smooth Inner Bore Systems

Seamless Transitions for Complete Fluid Integrity

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Seamless Transitions

Quick and secure connections, as well as the prevention of fluid contamination and product loss through leakage, are critical in biopharmaceutical applications. Pure-Fit[®] SIB[®] is a smooth inner bore (SIB) fitting and assembly system that provides a seamless transition between tubing and fittings to maintain complete fluid integrity throughout the system.

Pure-Fit[®] SIB[®]'s unique internal design, with its patented 360° compression seal, reduces the risk of tubing being punctured or cut from sharp, barbed edges like those on traditional fitting systems. The smooth inner bore design eliminates turbulence (dead space) or stagnation of fluid flow, virtually eliminating areas where potential bacteria growth can occur.

Multiple Configurations

Pure-Fit[®] SIB[®] provides a complete 360° compression along the entire fitting system. Constructed from the highest quality polypropylene or PVDF, the various fitting system elements have been engineered to provide a complete, undisturbed fluid flow path through all flexible tubing. Saint-Gobain Performance Plastics offers a broad line of flexible tubing formulations that are ideally suited for use in conjunction with your particular application and the Pure-Fit[®] SIB[®] system.

Biocompatibility

Pure-Fit[®] SIB[®] fitting systems meet all USP Class VI and ISO criteria and have been physically tested to meet the most demanding applications and stringent test protocols.



Features/Benefits

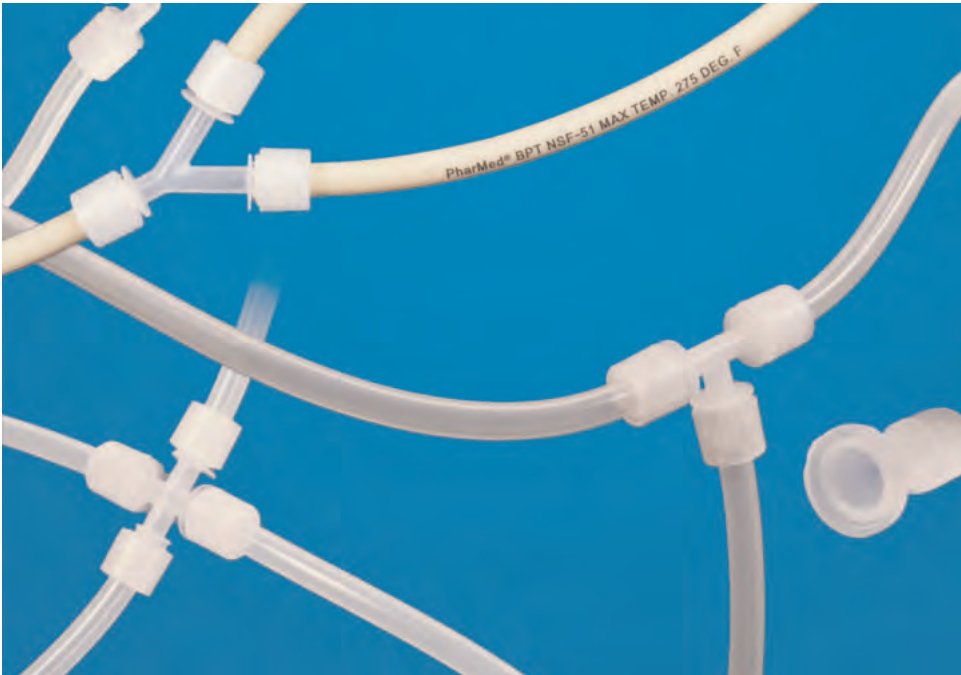
- Total smooth inner bore (SIB[®]) transition design
- Eliminates entrapment and leak points that occur with traditional fitting systems
- Complete 360° compression along the entire fitting system
- No excessive voids at the interface or in the fluid path
- Utilizes the patented retention and seal system
- Compatible with all flexible tubing
- Complete customized manifold and assembly systems
- Autoclavable and sterilizable
- Available in polypropylene or PVDF
- All materials completely animal-free and BPA free
- Manufactured and packaged in a certified clean room

Typical Applications

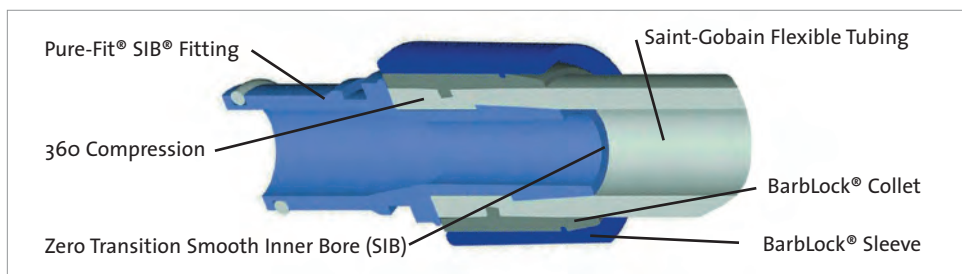
- Sterile filling and aseptic fluid transfer
- Biopharmaceutical manufacturing
- Filtration and fermentation
- Peristaltic pump sets
- Drug delivery and discovery
- Product sampling
- Cell harvest and media process systems
- Bioreactor process lines

Pure-Fit® SIB® Smooth Inner Bore Fittings

Seamless transitions for complete fluid integrity



Saint-Gobain is pleased to present the addition of 42 new items to our Pure-Fit® SIB® product line. The fittings' smooth inner bore design provides a seamless connector transition during critical fluid transfer when used with Sani-Tech®, C-Flex® and Pharmed® flexible tubing. Pure-Fit SIB eliminates in-line voids that may lead to stagnation of fluid flow and potential bacterial growth. Pure-Fit SIB fittings are fully compatible with both our Pure-Fit and BarbLock® retainers, to provide a complete 360° compression around the barb connector that results in leak-free connectivity. The fittings come in both animal-free polypropylene (PP) and polyvinylidene fluoride (PVDF) materials.



Visit biopharm.saint-gobain.com for information on Saint-Gobain's PURE-FIT SIB Connectors.

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Features and Benefits:










- Total smooth inner bore (SIB®) transition design
- Eliminates entrapment and leak points that occur with traditional fitting systems
- Complete 360° compression along the entire fitting system
- No excessive voids at the interface or in the fluid path
- Utilizes the patented BarbLock® retention and seal system
- Compatible with Sani-Tech®, C-Flex® and Pharmed® flexible tubing
- PP is gamma stable
- PVDF is autoclavable and gamma stable
- USP VI compliant
- Validation guide available

DISTRIBUTOR:



Pure-Fit® SIB® PP & PVDF Part Numbers

Effective July 1, 2014

Fitting		Size	PP Part Number	PVDF Part Number	Qty/Bag	NEW
Coupler		1/8"	PFC125PPAF	PFC125PVDF	25	New
		3/16"	PFC187PPAF	PFC187PVDF	25	New
		1/4"	PFC250PPAF	PFC250PVDF	25	
		5/16"	PFC312PPAF	PFC312PVDF	25	New
		3/8"	PFC375PPAF	PFC375PVDF	25	
		1/2"	PFC500PPAF	PFC500PVDF	25	
Cross		1/8"	PFX125PPAF	PFX125PVDF	25	New
		3/16"	PFX187PPAF	PFX187PVDF	25	New
		1/4"	PFX250PPAF	PFX250PVDF	25	
		3/8"	PFX375PPAF	PFX375PVDF	25	
		1/2"	PFX500PPAF	PFX500PVDF	25	
Elbow		1/4"	PFE250PPAF	PFE250PVDF	25	
		3/8"	PFE375PPAF	PFE375PVDF	25	
		1/2"	PFE500PPAF	PFE500PVDF	25	
Large Sanitary		1/4"	PFLS250PPAF	PFLS250PVDF	25	
		3/8"	PFLS375PPAF	PFLS375PVDF	25	
		1/2"	PFLS500PPAF	PFLS500PVDF	25	
		3/4"	PFLS750PPAF	PFLS750PVDF	25	
Mini Sanitary		1/8"	PFMS125PPAF	PFMS125PVDF	25	New
		1/4"	PFMS250PPAF	PFMS250PVDF	25	
		3/8"	PFMS375PPAF	PFMS375PVDF	25	
		1/2"	PFMS500PPAF	PFMS500PVDF	25	
		5/8"	PFMS625PPAF	PFMS625PVDF	25	
Reducer		1/16" x 1/8"	PFR062X125PPAF	PFR062X125PVDF	25	New
		1/16" x 1/4"	PFR062X250PPAF	PFR062X250PVDF	25	New
		1/8" x 3/16"	PFR125X187PPAF	PFR125X187PVDF	25	New
		1/8" x 1/4"	PFR125X250PPAF	PFR125X250PVDF	25	New
		3/16" x 5/16"	PFR187X312PPAF	PFR187X312PVDF	25	New
		3/16" x 3/8"	PFR187X375PPAF	PFR187X375PVDF	25	New
		1/4" x 3/8"	PFR250X375PPAF	PFR250X375PVDF	25	
		1/4 x 1/2"	PFR250X500PPAF	PFR250X500PVDF	25	
3/8" x 1/2"	PFR375X500PPAF	PFR375X500PVDF	25			
Retainer		1/16"	PF135062PPAF-AL	PF135062PVDF-AL	250	New
		1/8"	PF135125PPAF-AL	PF135125PVDF-AL	250	New
		3/16"	PF135187PPAF-AL	PF135187PVDF-AL	250	New
		1/4"	PF135250PPAF	PF135250PVDF	250	
		5/16"	PF135312PPAF-AL	PF135312PVDF-AL	250	New
		3/8"	PF135375PPAF	PF135375PVDF	250	
		3/8"	PF135376PPAF	PF135376PVDF	250	
		1/2"	PF135500PPAF	PF135500PVDF	250	
		3/4"	PF135750PPAF-AL	PF135750PVDF-AL	25	
Tee		1/8"	PFT125PPAF	PFT125PVDF	25	New
		3/16"	PFT187PPAF	PFT187PVDF	25	New
		1/4"	PFT250PPAF	PFT250PVDF	25	
		5/16"	PFT312PPAF	PFT312PVDF	25	New
		3/8"	PFT375PPAF	PFT375PVDF	25	
		1/2"	PFT500PPAF	PFT500PVDF	25	
		3/4"	PFT750PPAF	PFT750PVDF	25	
Wye		1/8"	PFY125PPAF	PFY125PVDF	25	New
		1/4"	PFY250PPAF	PFY250PVDF	25	
		5/16"	PFY312PPAF	PFY312PVDF	25	New
		3/8"	PFY375PPAF	PFY375PVDF	25	
		1/2"	PFY500PPAF	PFY500PVDF	25	