

Bio-Simplex® Flex-Joints™: flexible solutions for challenging tubing situations



Bio-Simplex® Flex-Joints™ from Saint-Gobain Performance Plastics allow permanent dip tube positioning and abolish tube kinking or shape loss within the bend. The patent-pending design and molded one piece construction create a seamless fluid path and unobstructed inner bore, eliminating contamination and product loss due to loose connections. Bio-Simplex® Flex-Joints™ effectively replace stainless steel rigid diptubes with USP Class VI single-use materials including C-Flex® overmolding and rigid polypropylene tubing. They will accommodate angle deviation in hand blown flasks and can be combined with Bio-Simplex® Manifolds and EZ Top® Container Closures to create a closed loop system.

Additional benefits include:

- Allow diptubes to be permanently positioned in the corners of vessels to allow complete fluid extraction.
- \bullet Allow diptubes to remain clear of magnetic stir bars and paddles.
- Allow fill tubes to be positioned toward the inner wall of vessels to help control potential foaming.
- Can be bent to an almost 180° curve without compromising fluid flow.
- Can be designed as an external tube positioner to help to control angle of tubing without kinking.

For more information on the Bio-Simplex® Flex-Joint™ and Saint-Gobain's complete range of products, please contact your local distributor or Saint-Gobain contact.

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Using the Flex-Joint™

Position Flex-Joint™ in hands with fingers as shown. Bend to desired position and release Flex-Joint™. Bio-Simplex® Flex-Joints™ are designed for single use applications. Once the Flex-Joint™ is positioned, avoid repeated bending or manipulation. Excessive bending or manipulation can result in device degradation.

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