

## Tubing End Assemblies

Bio-Simplex<sup>®</sup> Tubing End Assemblies are economically designed for single use, eliminating cleaning and contamination from repeated use — resulting in lower production costs and ease of validation. They are made from C-Flex<sup>®</sup> pharmaceutical grade thermoplastic elastomer (TPE) tubing — engineered to ensure an unobstructed fluid path and extremely low levels of extractables. TPE tubing is easily used with sterile connecting devices and thermal tubing sealers.

Customer-generated designs, sizes, packaging and other options — such as connectors, heat-sealed ends or alternate materials — are available as custom orders.

### MOLDED TUBING ENDS

USP Class VI polypropylene fittings are molded directly to C-Flex pharmaceutical grade TPE tubing in mini and standard Tri-Clamp configurations. Assemblies are well-suited for applications involving aseptic transfer, sterile processing, and other critical applications in the pharmaceutical, biomedical, and high purity industries. Tubing ends are packaged and sold individually.

### HEAT-SEALED TUBING ENDS

C-Flex TPE tubing with heat-sealed ends provides a contaminate-free closed system — excellent for use in sterile tubing welding and connecting applications. Single use eliminates the need for cleaning and the risk of cross-contamination — resulting in lower production costs and ease of validation.



*Bio-Simplex Molded Tubing End Assemblies are available in standard Mini Tri-Clamp and standard 1-1/2" Tri-Clamp styles.*



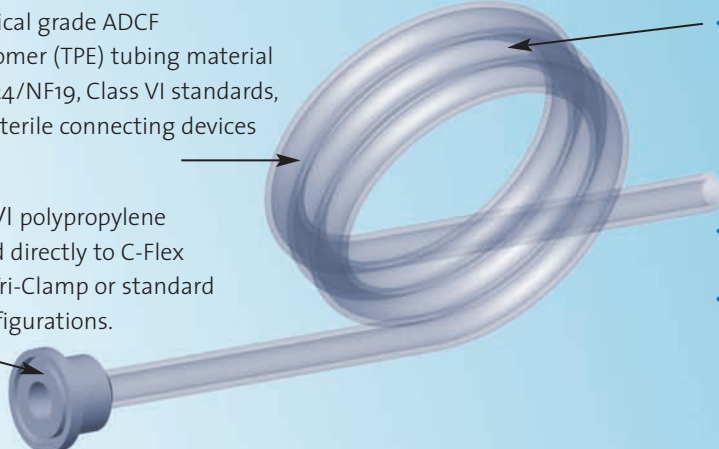
*Bio-Simplex Heat-Sealed Tubing Ends.*

MOLDED TUBING ENDS		
	24" LENGTH	36" LENGTH
Mini Tri-Clamp Assembly, 1/8"ID x 1/4"OD	MTC-1814-24	MTC-1814-36
Mini Tri-Clamp Assembly, 1/4"ID x 3/8"OD	MTC-1438-24	MTC-1438-36
Mini Tri-Clamp Tubing Assembly, 3/8"ID x 5/8"OD	MTC-3858-24	MTC-3858-36
1-1/2" Tri-Clamp Tubing Assembly, 1/4"ID x 3/8"OD	TC-1438-24	TC-1438-36
1-1/2" Tri-Clamp Tubing Assembly, 3/8"ID x 5/8"OD	TC-3858-24	TC-3858-36
HEAT-SEALED TUBING ENDS		
Heat-Sealed Tubing Ends, 1/8"ID x 1/4"OD, nine 8" pieces per package, Gamma Irradiated		HSE-1814-8R

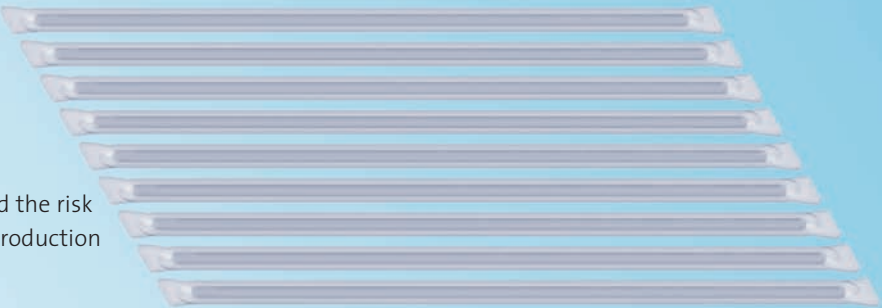
For more detailed specs on Bio-Simplex Tubing End Assemblies, please see our product spec sheets.

## Tubing End Assemblies

### Molded Tubing Ends

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- C-Flex<sup>®</sup> pharmaceutical grade ADCF thermoplastic elastomer (TPE) tubing material complies with USP 24/NF19, Class VI standards, is compatible with sterile connecting devices and tube welders.
  - Molded USP Class VI polypropylene fittings are attached directly to C-Flex TPE tubing in mini Tri-Clamp or standard 1-1/2" Tri-Clamp configurations.
  - Assemblies are well-suited for applications involving aseptic transfer, sterile processing, and other critical applications in the pharmaceutical, biomedical, and high purity industries.
  - Autoclavable and gamma irradiatable
  - Customer-generated designs, sizes, packaging and other options — such as connectors, heat-sealed ends or alternate materials — are available as custom orders.

### Heat-Sealed Tubing Ends

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- C-Flex TPE tubing with heat-sealed ends provides a contaminate-free closed system — excellent for use in sterile tubing welding and connecting applications.
  - Gamma irradiated and double bagged.
  - C-Flex pharmaceutical grade TPE tubing material is compatible with sterile connecting devices and tube welders.
  - Single use eliminates the need for cleaning and the risk of cross-contamination — resulting in lower production costs and ease of validation.
  - Customer-generated designs, sizes & packaging — are available as custom orders.

Bio-Simplex<sup>®</sup> and C-Flex<sup>®</sup> are registered trademarks of Saint-gobain Performance Plastics.

#### Saint-Gobain Performance Plastics

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Leading the way in

**Critical Fluid Transfer and Containment**

*IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.*

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WARRANTY: For a period of 12 months from the date of first sale, Saint-Gobain Performance Plastics warrants this product to be free of defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof.