



» PRODUCT OVERVIEW

Versaflex™ HC and Versaflex™ HC BIO Thermoplastic Elastomers TPEs for Biopharmaceutical Tubing (BT)

The Versaflex™ HC and Versaflex™ HC BIO BT series is formulated specifically to handle the complexities of biopharma tubing. Delivering on critical application demands, it provides weldability, kink resistance, and tensile strength performance comparable to leading medical tubing materials, including silicone and TPE.

In addition to the traditional petroleum-based BT218 grade, this portfolio also features a biopolymer alternative that contains 40% bio-derived content to support sustainability and meets the same strict performance requirements.

Offering reliable performance, optical clarity and expanded design freedom, these medical-grade TPEs may be customized to meet specific regulatory demands or application needs. In addition, these material solutions provide a proven, one-step processing solution to support speed to market and manufacturing efficiencies.

KEY CHARACTERISTICS

- Meets critical need for thermal weldability and kink resistance
- Minimizes extractables during processing
- Provides excellent tensile strength
- Complies with USP VI and ISO 10993-4, -5, -11 certifications
- Suitable for gamma and autoclave sterilization methods
- Bio-based grade option formulated with nearly 40% Gen 1 biomass content

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