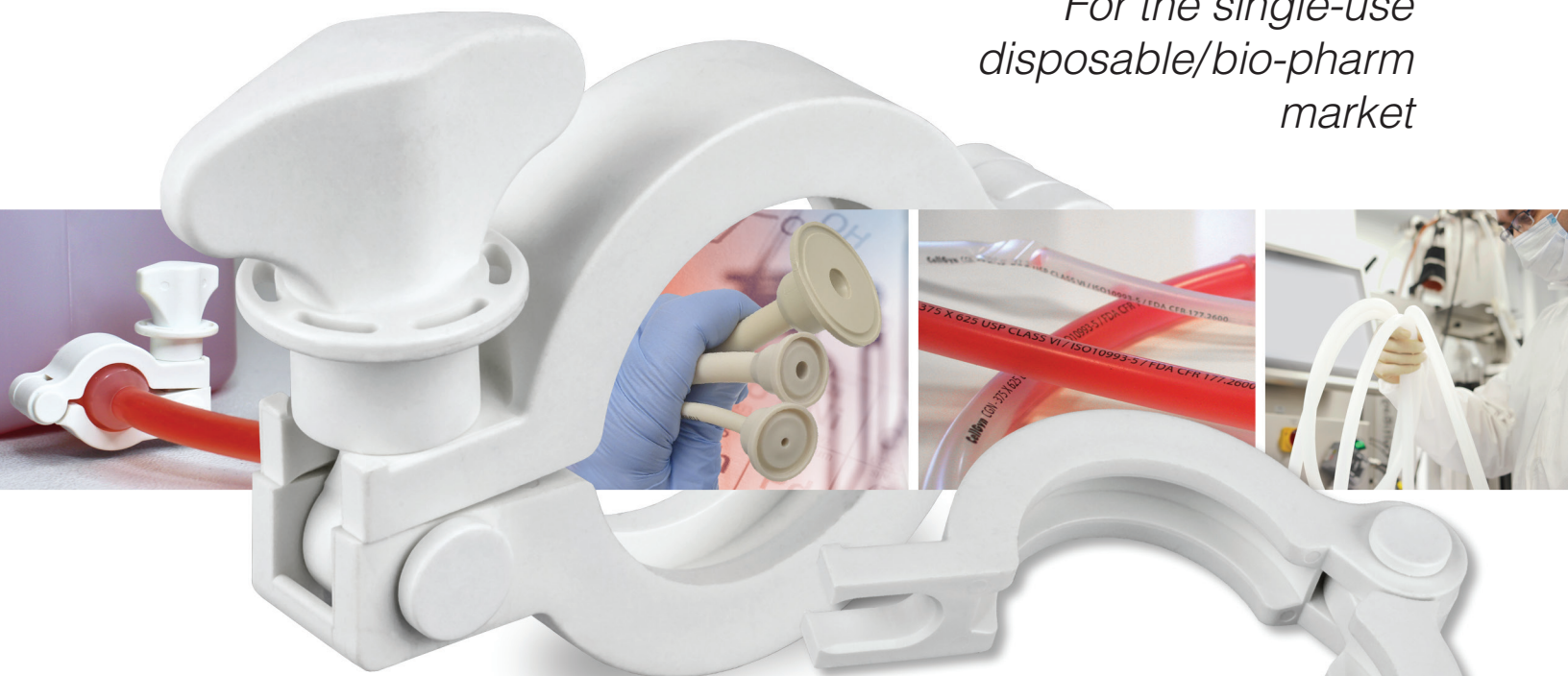




Bio-Ease⁺™

Re-Usable Non-Metallic Clamp

*For the single-use
disposable/bio-pharm
market*



The Superior Non-Metallic Clamp

Bio-Ease+™ is a patented non-metallic clamp designed to meet the needs of pharmaceutical and bioprocessing testing and manufacturing.

- Single-Use Systems (SUS)
- Pharmaceutical Manufacturing
- Vaccine Production
- Laboratory
- Applications Where Metal is Incompatible



18 White Lake Road Sparta, NJ 07871

T 973.383.2834 • F 973.383.4161 • sales@tblplastics.com • www.tblplastics.com



Bio-Ease⁺™ Hinged Tri-Clamp[®]

White Nylon Sanitary Tri-Clamp[®] for Bio-Pharm

TBL Performance Plastics' patented Bio-Ease⁺™ sanitary clamp is designed to address the needs of the single-use disposable/bio-pharm market. Bio-Ease⁺™ hinged clamps are manufactured using a glass-reinforced, FDA grade, USP Class VI Nylon and are designed to be used as a component for single-use transfer lines and a wide range of bio-process systems.

Bio-Ease⁺™ Clamp Features

- Tamper-proof and cleaner design. Won't "trip" open.
- Greater Sealing: Exclusive limited-slip design and floating hinge self-adjusts for balanced contact pressure.
- Universal Standard Clamp: Compatible with ASME-BPE and BPSA standard non-metallic and stainless flange ferrules.
- More efficient locking mechanism.
- Light weight, less stress.
- Corrosion resistant.
- USP Class VI Nylon 66 Material.
- Can be repeatedly autoclaved at 134°C for 5 minutes.
- Testing has shown no detectable weakening after 40kGy Gamma Irradiation.
- Can be custom laser engraved.
- Color coded knobs available in **WHITE**, **BLUE**, **RED**, **YELLOW** and **GREEN**.
- Lot and batch traceable.

Sterilization Methods

- Gamma Irradiation
- Electron Beam Irradiation
- Autoclave
- Ethylene Oxide (EtO)

Materials

- USP Class VI
- FDA 21CFR177.1500
- Glass-Reinforced White Nylon 66

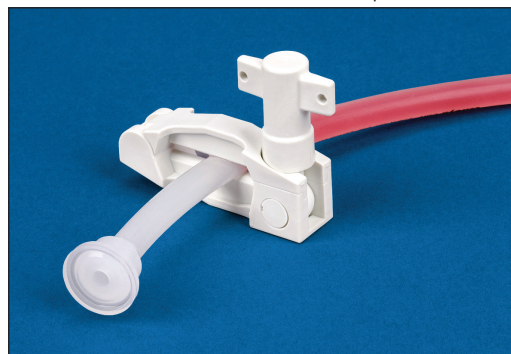
Sizing Chart

Part Number	Size	Max Pressure	Max Gamma Dose
F-13MHHS-075-01	3/4" Mini	150psig	1390 (1.39)
F-13MHHS-150-01	1-1/2"	150psig	200 (29)
F-13MHHS-200-01	2"	150psig	3.5
F-13MHHS-300-01	3"	120psig	10500 (1520)
F-13MHHS-400-01	4"	100psig	9300 (1348)

Tri-Clamp is a registered trademark of Alfa Laval
Zytel is a registered trademark of DuPont Performance Polymers



Bio-Ease⁺™ Pinch Clamp



Bio-Ease⁺™ Patent Number: 9151420
Specifications are subject to change without notice



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