



QUICK RELEASE **BioClamp**[®]

BioClamp[®] plastic quick-release clamps are specifically designed to meet the needs of busy pharmaceutical and bioprocessing laboratories, offering full flexibility in Single-Use applications. The clamps are specifically designed to work with Nordson MEDICAL's SF Series sanitary fitting Mini and Maxi flanges, related caps and gaskets, and in conjunction with OEM filters and bioprocessing bags. The clamp is lightweight and easy for technicians to install and provides for quick and convenient assembly release.

FEATURES & BENEFITS

- Reduced distortion on polymeric components when subjected to heat
- More compatible with current Pharmaceutical and Biotech manufacturing than stainless steel
- Greater flexibility in operation
- Single-use disposal
- Can be SIP repeatedly
- Can be autoclaved repeatedly at 134°C for 5 minutes
- Can be subjected to 40 kiloGrays without detectable weakening

SPECIFICATIONS

- **Materials:**
 - Glass reinforced Nylon 66
 - USP Class VI Certified Materials
- **Tubing Sizes:**
 - 1/12" to 1 1/2"
- **Max. Operating Pressure:**
 - Gamma radiation stable & EtO compatible
- **Max. Cumulative Gamma Dose:**
 - 40 kiloGrays



PRECISION RESTRICTION **BioValve**[®]

The BioValve[®] pinch valve is a precision restriction flow controller and shut-off valve for silicone tubing used in bioprocessing and pharmaceutical manufacturing applications. The threaded pitch can be calibrated to 2 mm per turn to minimize flow path turbulence. Available in 1/4" (6.4 mm) and 1" (12.7 mm), BioValve[®] is perfect for precise operation. The valves can be SIP repeatedly, and they can also be autoclaved at 134°C for 5 minutes.

FEATURES & BENEFITS

- Threaded pitch can be calibrated to 2 mm per turn to minimize flow-path turbulence
- Materials meet USP Class VI criteria

SPECIFICATIONS

- **Materials:**
 - Glass reinforced Nylon 66
- **Tubing Sizes:**
 - 1/4" (6.4 mm) to 1" (12.7 mm) OD
- **Barb Size:**
 - 600 Series
- **Maximum Operating Pressure:**
 - 150 psig (10.34 bar)
- **Sterilization:**
 - Can be SIP repeatedly
 - Can be autoclaved repeatedly at 134° C for 5 minutes
- **Maximum Cummulative Gamma Dose:**
 - 40 kGy



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