

# 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 clamp is lightweight and easy for technicians to install and provides for quick and convenient assembly release.

**Features & Benefits:**

- Can be SIP repeatedly
- Can be autoclaved repeatedly at 134°C for 5 minutes
- Can be subjected to 40 kiloGrays without weakening
- Reduced distortion on polymeric components
- More compatible with current manufacturing than steel
  - Greater flexibility in operation
  - Single-use disposal
- Applications
  - Bioprocessing
  - Single-use technology (SUS)
  - Drug discovery and development
  - Fluid transport
  - Pharmaceutical scale up
  - Sterile bag systems

**Specifications:**

**Materials:** Glass reinforced Nylon 66

**Max. Operating Pressure:** 150 psig for 1/2" to 4" clamps & 90 psig for 6" and 8" clamps

**Max. Cumulative Gamma Dose:** 40 kiloGrays

**USP Class VI Certified Materials**



**Reference part shown: VNG150WHT**

Due to size we are not able to display all large BioClamp® fittings. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**VNG075WHT (Glass Reinforced White Nylon)**

Clamp, Mini Flange, 1/2" (12.7 mm) to 3/4" (19.0 mm)

**VNG150WHT (Glass Reinforced White Nylon)**

Clamp, Maxi Flange, 1" (25.4 mm) to 1.5" (38.1 mm)

**VNG200WHT (Glass Reinforced White Nylon)**

Clamp, Maxi Flange, 2" (50.8 mm)

**VNG300WHT (Glass Reinforced White Nylon)**

Clamp, Maxi Flange, 3" (76.2 mm)

**VNG400WHT (Glass Reinforced White Nylon)**

Clamp, Maxi Flange, 4" (101.6 mm)

**VNG600WH (Glass Reinforced White Nylon)**

Clamp, Maxi Flange, 6" (152.4 mm)

**VNG800WH (Glass Reinforced White Nylon)**

Clamp, Maxi Flange, 8" (203.2 mm)

BIOPROCESSING FITTINGS

**Technical Assistance**

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.

**Part Drawings Online!**

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings. [www.nordsonmedical.com](http://www.nordsonmedical.com)

# 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.

## Features & Benefits:

- Can be SIP repeatedly
- Can be autoclaved repeatedly at 134°C for 5 minutes
- Can be subjected to 40 kiloGrays without weakening
- Can be calibrated to minimize flow path turbulence
- Can be used with one hand
- Thread pitch is calibrated to 2 mm per turn

## Specifications:

**Materials:** Glass reinforced Nylon 66

**Tubing Sizes:** 1/4" to 1" OD

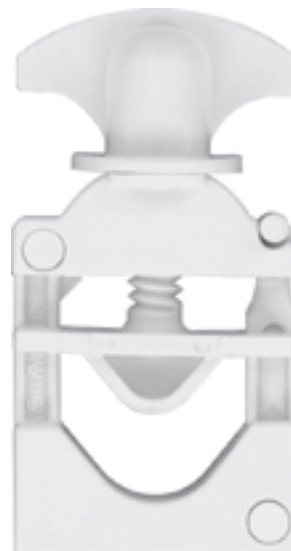
**Max. Operating Pressure:** 150 psig

**Max. Cumulative Gamma Dose:** 40 kiloGrays

**USP Class VI Certified Materials**

### VBV0500NW (Glass Reinforced White Nylon)

Pinch Valve Mini, 1/4" (6.4 mm) to 1/2" (12.7 mm) Tubing OD



### VBV1000NW (Glass Reinforced White Nylon)

Pinch Valve, Maxi, 1/2" (12.7 mm) to 1" (25.4 mm) Tubing OD



## Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at [FMF-sales@nordsonmedical.com](mailto:FMF-sales@nordsonmedical.com) describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 10 for more information on custom engineered solutions!

