

# ProConnex® Pinch Clamps

## Simple, reliable flow control

Data Sheet

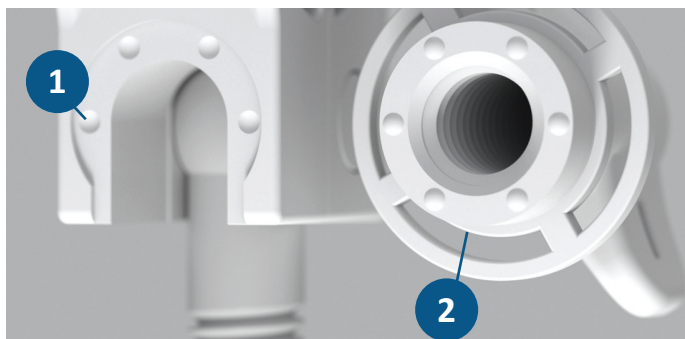
The ProConnex® Pinch Clamps are designed as a simple and repeatable clamping device to meet the needs of increasing process liquid throughput. The user intuitive, non-product contact clamp creates a positive shutoff for bioprocess tubing and hose transfer lines and can be implemented onto any single use system, tube set, or vessel.

Unlike snap clamps and industrial designs, ProConnex® Pinch Clamps provide a lightweight, secure, and validation-ready method to seal single-use assemblies. Available in multiple sizes, these clamps are designed to apply the required forces onto smaller and larger braided hoses and tubing with repeatable compression. The threaded design gives operators a fundamental mechanical advantage over simple squeeze designs and avoids ergonomic challenges as hose and tubing sizes increase.

- Meets all bioprocess quality standards
- User intuitive design with patented design features
- Lightweight and reusable
- For 3/16" - 1 1/8" ID tubing and hose



A patented detent/indent physical feedback mechanism helps prevent over tightening and component failure. The detent/indent also acts as a physical mechanism to resist unintended loosening that would compromise process integrity.



1. Indents
2. Detents



Alignment creates mechanical “click” and helps lock position.

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### Performance

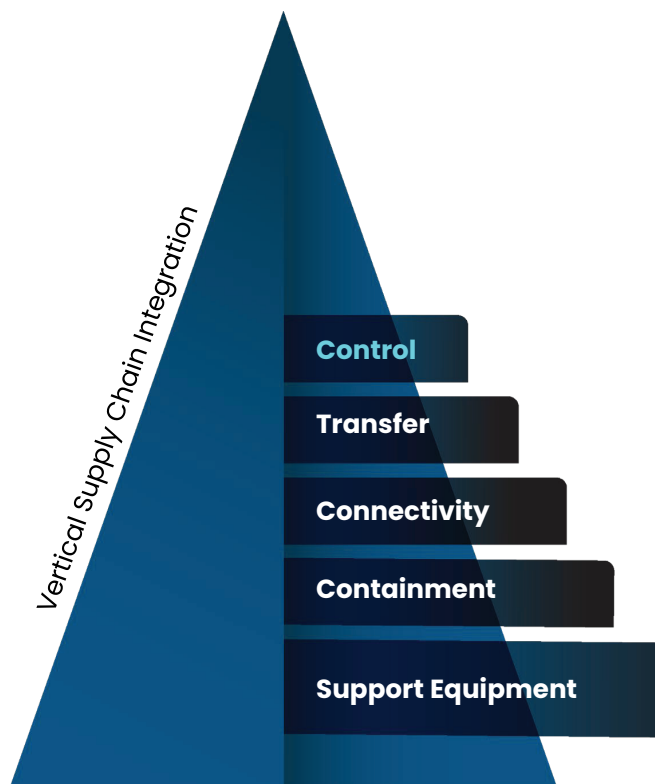
- Seals elastomer non-reinforced tubing and braided hose
- Meets or exceeds ASTM E515 Bubble Test to 25 psi
- Suitable for autoclave to 135° C and gamma to 50 kGy
- Operating temperature 2 - 40° C
- Used as flow control, liquid shut off and storage barrier

### Physical Properties

- Materials: Reinforced Nylon USP Class VI
- Single material construction
- Melt temp: 220° C

### Biocompatibility and Regulatory

- ADCF
- ISO 9001 compliant, ISO 10993
- USP Class VI, <87>, <88>
- FDA CFR 21 177.1500



### Single-Use Vertical Integration

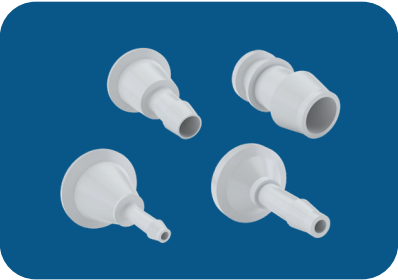
Our open-source approach to vertical integration offers supply chain management of your complete assembly, providing the flexibility and security of supply you need to move your process forward.



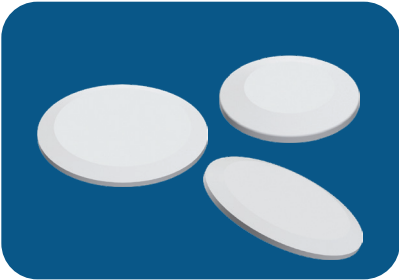
Specifications

Description and Sizes (Inside Diameter)	Wall Thickness	Package Quantity	Part Number
Large Tube and Hose Pinch Clamp, ½ - 1-⅝ in	0.187 - 0.250 in	10	BFS-201A-010
Large Tube and Hose Pinch Clamp, ½ - 1-⅝ in	0.187 - 0.250 in	25	BFS-201A-025
HD Tubing Pinch Clamp, ⅜ - ½ in	0.090 - 0.200 in	10	BFS-101A-010
HD Tubing Pinch Clamp, ⅜ - ½ in	0.090 - 0.200 in	50	BFS-101A-050

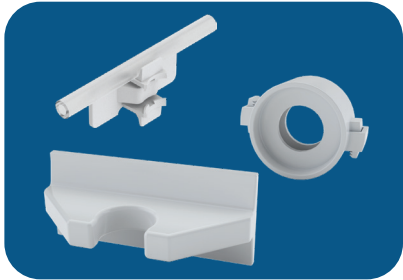
Related Products



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