

BTV: Bio Tube Valve

New biotech and pharmaceutical control and isolation valves from *BioWorks!* Two Way and Three Way pinch valves use replaceable, molded, single piece tube assemblies for low cost replacement and are ideally suited for bioprocess applications. Patent Pending.

Features:

- Easy assembly and disassembly
- Flow metering to full shut off
- External position indicator
- ACME Threads on stem and body
- Anti-rotation pin
- Polished SS stem
- Autoclavable and CIP/SIP safe
- Meets the BPE-2002 standard
- Integral Sanitary Gasket ends
- Integral Sanitary Tube ends
- Uses standard Sanitary Clamp

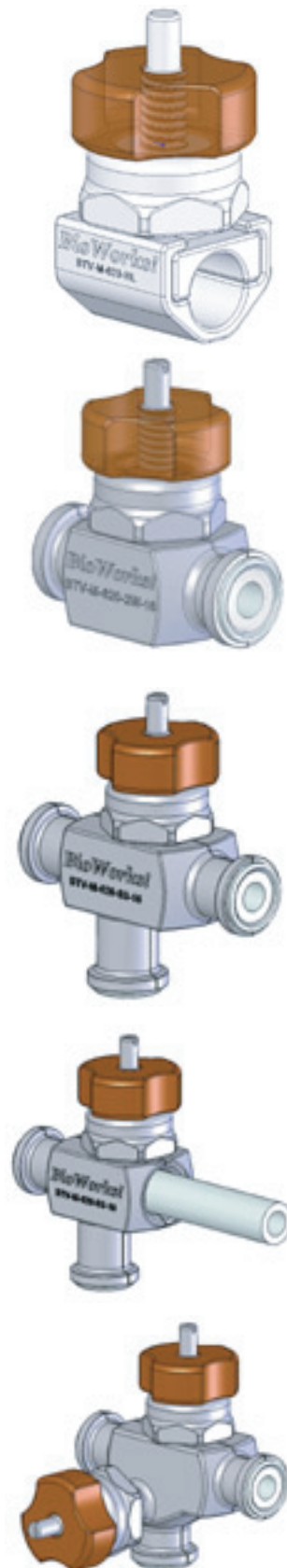
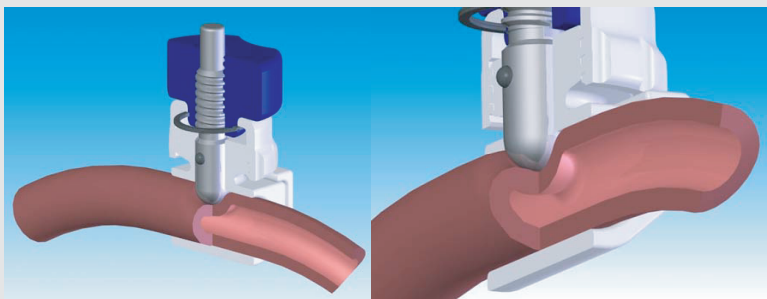
OverTube Pinch Valve - The OverTube Pinch Valve provides a control and isolation valve that easily assembles directly over existing standard silicone or reinforced silicone tubing.

Two Way Pinch Valve - The Two Way Pinch Valve valve provides a molded silicone tube with integral gasket ends and ferrule ends for use with standard fractional BPE tube fittings and clamps. Also available in a "pig-tail" configuration (see backside for detail).

Three Way Pinch Valve - The Three Way Pinch Valve has an integrally molded outlet tee leg and permits the user to clean and sterilize thru the valve while the third leg is closed. Also available in a "pig-tail" configuration.

Three Way Pinch with Diverter Valve - The Three Way Pinch Diverter Valve incorporates a second pinch valve into the lower outlet. Uses the same molded outlet tee as the Three Way Pinch Valve. Also available in a "pig-tail" configuration.

Spherical Pinch Concept - This unique pinch concept uses a smooth, polished spherical end on the valve stem that contacts the tube and presses down as the valve is closed. The lower wall of the valve body acts as a cradle to contain the closing forces from the spherical stem tip. Flow control and 100% shut-off is provided with a reliable, full-flow and readily cleanable and sterilizable design.



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- 1: Three Lobe Handle** - Ultem 1000
- 2: Assembly Collar** - 316 or 464
- 3: Handle Bearing** - Ultem 1000
- 4: Retaining Ring** - 302 SS
- 5a: Valve Stem** - 316 SS
- 5b: Diverter Stem** - 316 SS
- 6: Dowel Pin** - 18-8 SS
- 7: Three-Way Housing** - 316 SS
- 8: Two-Way Housing** - 316 SS
- 9: Three-Way Pig-Tail Housing** - 316 SS
- 10: Over-Tube Housing** - 316 SS
- 11: Three-Way Diverter Housing** - 316 SS
- 12: Two-Way Pig-Tail Housing** - 316 SS
- 13: Three-Way Molded Seal** - Platinum Cured Silicone
- 14: Two-Way Molded Seal** - Platinum Cured Silicone
- 15: Three-Way Pig-Tail Molded Seal** - Platinum Cured Silicone
- 16: Two-Way Pig-Tail Molded Seal** - Platinum Cured Silicone

