



Pressure-Activated Anti-Siphon Valves



We Make Quality Patient Care Possible™

The NP Medical Pressure-Activated Valve is used extensively as a “one-way” valve in critical drug delivery applications, and as an “anti-siphon” valve in pump applications. It targets patient applications requiring very specific performance characteristics such as high-pressure rating and narrow specification ranges for key attributes.

The valve features a preloaded, normally closed silicone diaphragm that allows flow in one direction while checking flow in the opposite direction and preventing retrograde flow. The valve’s clear housing facilitates visualization of the entire fluid path. For flexibility with your application, it is available in a range of opening pressures and various inlet and outlet configurations.



TECHNICAL SPECIFICATIONS¹

- Priming Volume: <0.30 ml
- Flow Rate at 5 psi (0.34 bar): 370 ml/min
- Pressure Rated: 45 psi to 350 psi

MATERIAL COMPATIBILITY

- Blood
- Gamma, E-beam and EtO Sterilization

MANUFACTURING

- ISO 13485 Certified
- FDA Registered
- ISO Class 8 Cleanroom Manufacturing

COMMERCIAL AVAILABILITY

- Bulk, non-sterile



Low priming volume allows for lower flush volumes and drug hold up



100% inline tested for backflow and weld leaks on automated assembly equipment providing high quality levels



Operates in any orientation reducing sensitivity to set configurations



No solvent residuals – ultrasonically welded providing excellent leak resistance



Not made with Natural Rubber Latex and PVC



USP Class VI approved materials



¹ Data on file at NP Medical, Inc.

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