Valves

Activated

Luer and Pressure

Activated Valves
Luer and Pressure Activated Valves

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. The Luer Activated Valves allow for bidirectional flow while actuated with an ISO-compliant luer.

Features
- **Low priming volume** allows for lower flush volumes and drug hold up
- **Clear housing** facilitates visualization of entire fluid path
- **100% inline tested** for backflow and weld leaks on automated assembly equipment providing high quality levels
- **Compliant to ISO 8536-12 Counter-flow requirements** offering maximum protection against retrograde flow reduces the risk of medication not getting to the patient.
- **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
- Available in various outlet fitments

Pressure Activated Valves
- Available in a range of opening pressures, allowing flexibility with your application

The Critical Care line is targeted for patient applications that require very specific performance characteristics such as high pressure rating and narrow specification ranges for key attributes. The value-priced Hospital Care line shares the same design platform and manufacturing methods as the Critical Care line and is targeted for use applications where more basic set of performance requirements is acceptable.

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<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>SPECIFICATION</th>
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<tbody>
<tr>
<td>Cracking Pressure Range</td>
<td>100 - 350 mbar</td>
<td>70-410 mbar air</td>
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<tr>
<td>High Back Pressure</td>
<td>Up to 22.7 bar for 6 min</td>
<td>Up to 15 bar for 20 s</td>
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**Note:** Critical Care line has higher verification levels for all characteristics including visual requirements

1. Data on file at NP Medical, Inc

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
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<th>Feature</th>
<th>Specification</th>
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<tr>
<td>Priming Volume</td>
<td>&lt;0.30 ml</td>
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<tr>
<td>Flow Rate</td>
<td>370 ml/min</td>
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<tr>
<td>Pressure Rated</td>
<td>45 psi to 330 psi</td>
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**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

Luer Actuated Valves
- Allows for Infusion or Aspiration
- Unique actuator design: optimizes flow pattern to allow for complete flushing