

## NPP Pneumatic Pinch Valves

### NPP4-10P-27



NPP Series 2-Way pneumatic pinch valves are air-piloted devices designed to open or close tubes for controlling flow of liquids and gases. Other valve types have internal passages that may cause small amounts of fluid to remain in the valve. Pinch valves have no areas or dead volume where fluid can become trapped. Only the inside of the tubing has contact with the fluid.

Common industries that utilize pinch valves for the benefit of isolating fluid from a mechanical valve including drug dispensing, laboratory equipment, wastewater, medical devices, chemical, food and beverage equipment, ceramic/glass/plastic, and solids handling.

<b>Data Sheet</b>	<a href="#">Data Sheet, Panel Mount Info</a>
<b>Documentation</b>	CE, RoHS ( <a href="#">Download</a> )
<b>Function</b>	2-Way Normally-Open
<b>Material, Body</b>	Aluminum, ENP
<b>Material, Tube</b>	Sanitary Platinum-Cured Silicone
<b>Material, Wetted</b>	Polyurethane Tubing (no wetted areas in valve)
<b>Max PSI</b>	9 psig (0.6 bar)
<b>Max. Pilot Pressure</b>	250 psig (17 bar)
<b>Medium</b>	Air, Water, Gas & Compatible Fluids
<b>Mount</b>	Panel
<b>Mounting</b>	#4-40 Threaded Holes
<b>Operating Temperature Range</b>	32 to 230°F (0 to 110°C)
<b>Orifice / Wattage</b>	1.500" / 7.2 Watts
<b>Product Line Brochure</b>	<a href="#">Isolation Valves</a>
<b>Tubing</b>	1/4" ID-3/8" OD, Food Grade
<b>Tubing, Durometer Hardness</b>	50 Shore A
<b>Tubing, Elongation at Break</b>	770%
<b>Tubing, Length</b>	Comes with 12" (305 mm) of selected tubing. Additional tubing available separately.
<b>Tubing, Modulus at 200%</b>	280 psi (19 bar)
<b>Tubing, Tear Strength</b>	200 ppi (14 bar)
<b>Tubing, Tensile Strength at Break</b>	1,450 psi (100 bar)
<b>Tubing, Wall Thickness</b>	0.0625" (1.6 mm)

