

# iPolymer | Suckback Valves

## Suckback Valves

Suckback Valves are ideal for acid, solvent, photoresist solutions and other process dispensed chemistries. The iPolymer Suckback Valve will pull a vacuum and prevent excessive dripping from the dispensing nozzle.

The iPolymer Suckback Valve is constructed of an "all wetted" PTFE media flow path.

Our Suckback Valve incorporates the suckback feature in a Normally Closed pneumatic valve.

When air pressure is removed from the valve actuator, an internal diaphragm is pushed upward which forms a vacuum in the valve body.

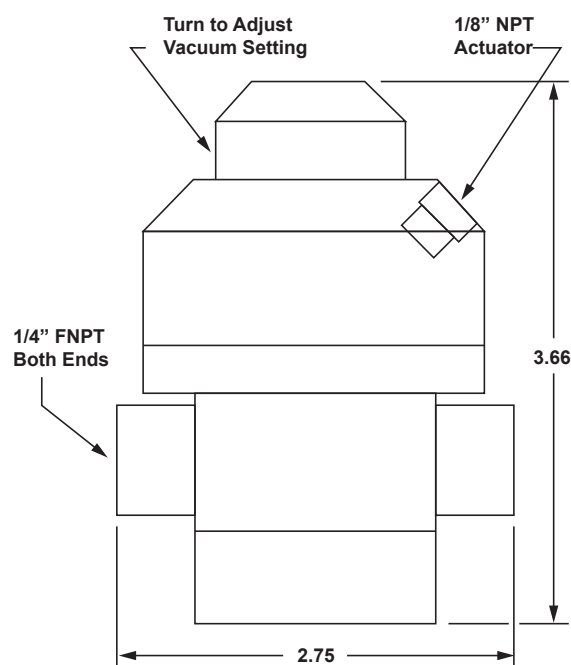
While the valve is closing, the vacuum sucks back the final droplets of fluid. Thereafter, the valve completely closes and seals the media flow path.

An additional unique feature of the Suckback Valve is a Vacuum Adjustment Knob which allows the user to set the vacuum level.



## Specifications

Part	Port (in)	End Connection
SBV-104168-4-F	1/4	FNPT
Actuator Pressure Range (psi)	45 / 60	
Max. Media Pressure (psi)	30	
Max. Media Temperature	176°F / 80°C	
Max. Ambient Temperature	140°F / 60°C	
Suckback Amount	0.25 - 0.50 cc @ Room Temp & S.G. = 1.0	



### iPolymer Product Notes:

1. Please email Customer Service at [info@ipolymer.com](mailto:info@ipolymer.com)
2. Call us for special applications. We can manufacture our Valves with special mounting and interface dimensions.
3. Alternate materials are available that may allow for expanding temperature ratings or other performance characteristics.
4. Unauthorized disassembly will void the original factory one-year product warranty. Contact us or your Distributor for details.