

## High-Purity Valves for Aggressive Chemicals & High Temperatures

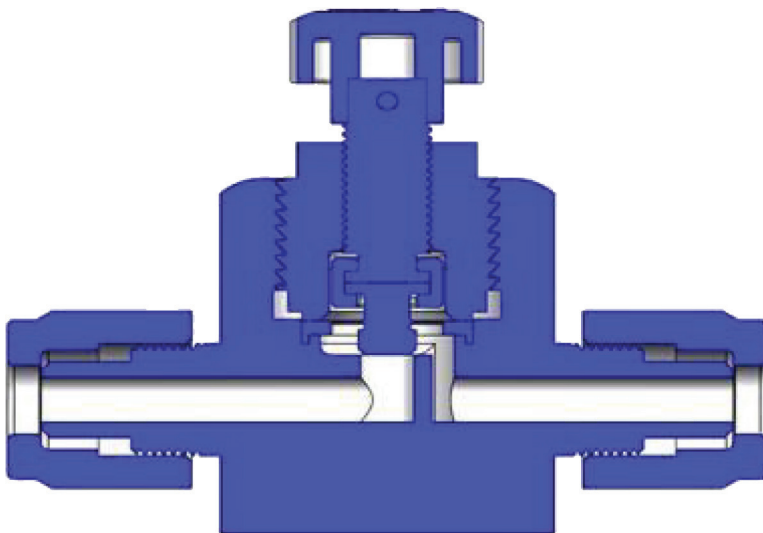
iPolymer Hi-Purity Valves (HV) feature 100% virgin PTFE and M112 wetted flow paths ideal for high-purity, high-temperature applications. The HV Series is a multi-turn diaphragm valve available in 1/4, 1/2 and 3/4-in sizes. The simple, nonmetallic external construction consist of only PTFE, PVDF and PEEK to ensure reliable, long-lasting performance in the most aggressive environments. Common applications include DI water, aggressive chemistry distribution, and safety shutoff.



### Features & Benefits

- 100% virgin PTFE and M112 wetted flow path
- Media Pressure: 80 psi maximum
- Media Vacuum: 25 in Hg
- Media Temperature: 0° - 100°C (32° - 212°F)
- Ambient Temperature: 0° - 60°C (32° - 140°F)
- Offered in 2-Way, multi-Turn configurations
- Standard Flare or Fit-Line Global Nexus™ connections

### Cross Section



### Specifications

Part	Size	Port Type	Port Size	Configuration
HV-0404F	1/4-in	FLARE	1/4-in	Multi-Turn
HV-0404N	1/4-in	NEXUS	1/4-in	Multi-Turn
HV-0406F	1/4-in	FLARE	3/8-in	Multi-Turn
HV-0406N	1/4-in	NEXUS	3/8-in	Multi-Turn
HV-0808F	1/2-in	FLARE	1/2-in	Multi-Turn
HV-0808N	1/2-in	NEXUS	1/2-in	Multi-Turn
HV-0812F	1/2-in	FLARE	3/4-in	Multi-Turn
HV-0812N	1/2-in	NEXUS	3/4-in	Multi-Turn
HV-1212F	3/4-in	FLARE	3/4-in	Multi-Turn
HV-1212N	3/4-in	NEXUS	3/4-in	Multi-Turn
HV-1216F	3/4-in	FLARE	1-in	Multi-Turn
HV-1216N	3/4-in	NEXUS	1-in	Multi-Turn

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