

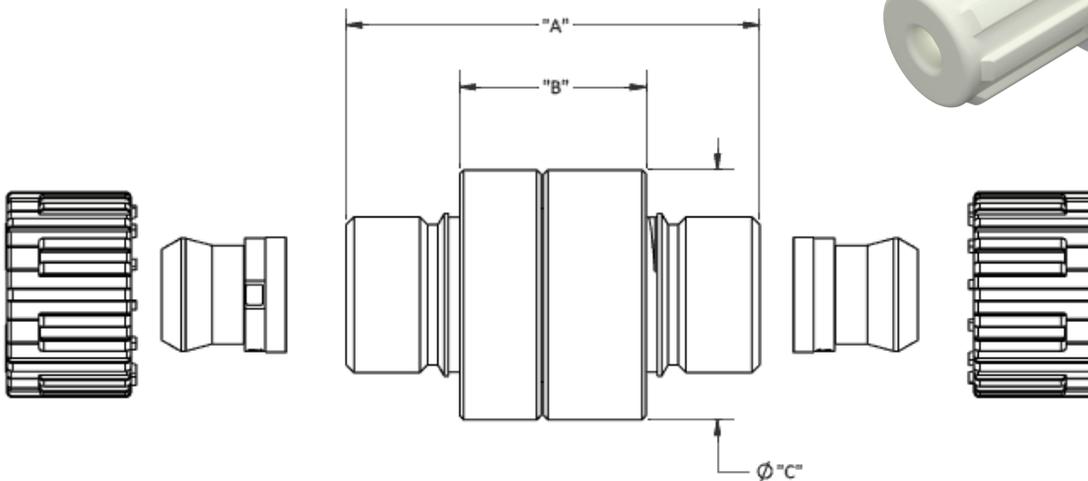
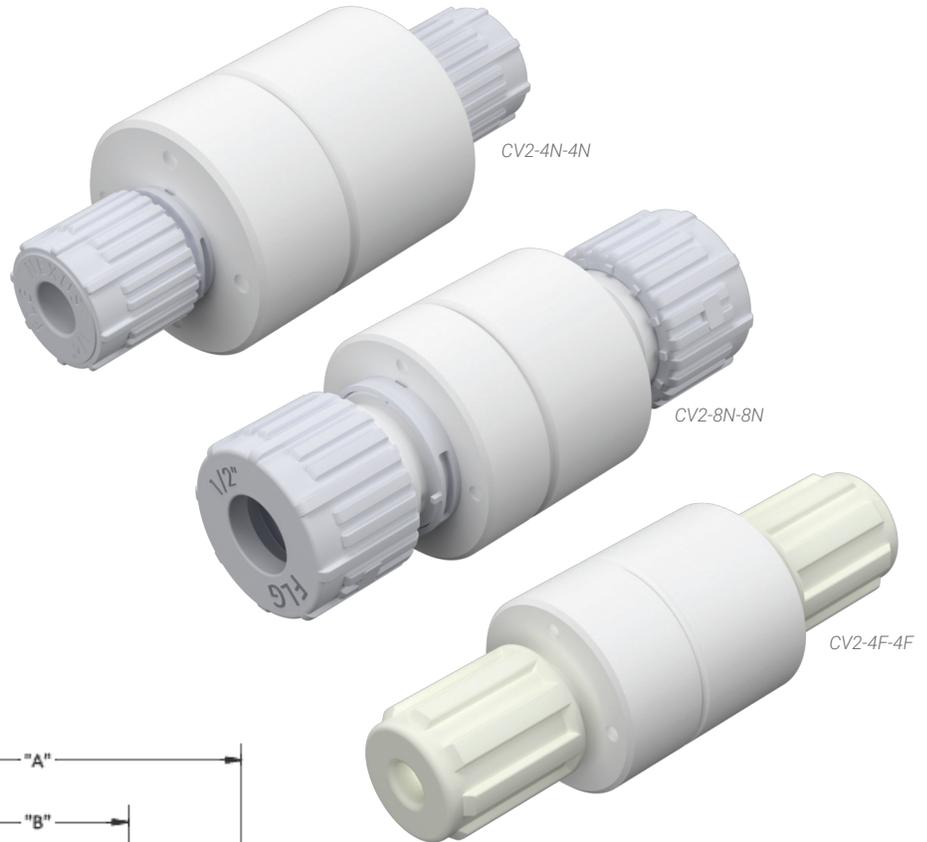
iPolymer | Check Valves

Check Valves

Check Valve feature all PTFE wetted surfaces for excellent directional flow control in high-purity applications. Our PTFE design resists chemical corrosion and other elements within harsh process environments. They are commonly used as backflow preventers in clean processes. The special internal control spring for 3 psi to 6 psi (nominal 5 psi) cracking pressure is machined virgin PTFE.

Highlights

- PTFE wetted materials
- PFA or PVDF non-wetted materials
- 100 psi max. operating pressures
- 100°C max. temperatures



Specifications

Part	Port Size	Connection	Wetted Materials	Non-Wetted Materials	Opening Pressure	Back Pressure / Sealing Pressure	Operating Pressure	Operating Temperature	Dim A	Dim B	Dim C	Cv
CV2-4F-4F	1/4 in	Flaretek Compatible	PTFE	PVDF	<1 PSI	5 PSI	0-100 PSI	0-100°C	3.51	1.51	1.25	0.5
CV2-4N-4N	1/4 in	Nexus	PTFE	PFA	<1 PSI	5 PSI	0-100 PSI	0-100°C	2.37	1.51	1.25	0.5
CV2-6F-6F	3/8 in	Flaretek Compatible	PTFE	PVDF	<1 PSI	5 PSI	0-100 PSI	0-100°C	3.51	1.51	1.25	1.6
CV2-6N-6N	3/8 in	Nexus	PTFE	PFA	<1 PSI	5 PSI	0-100 PSI	0-100°C	2.69	1.51	1.25	1.6
CV2-8F-8F	1/2 in	Flaretek Compatible	PTFE	PVDF	<1 PSI	5 PSI	0-100 PSI	0-100°C	3.62	1.42	1.50	2.7
CV2-8N-8N	1/2 in	Nexus	PTFE	PFA	<1 PSI	5 PSI	0-100 PSI	0-100°C	2.80	1.42	1.50	2.7
CV2-12F-12F	3/4 in	Flaretek Compatible	PTFE	PVDF	<1 PSI	5 PSI	0-100 PSI	0-100°C	3.92	1.42	1.90	6.2
CV2-12N-12N	3/4 in	Nexus	PTFE	PFA	<1 PSI	5 PSI	0-100 PSI	0-100°C	3.15	1.42	1.90	6.2
CV2-16F-16F	1 in	Flaretek Compatible	PTFE	PVDF	<1 PSI	5 PSI	0-100 PSI	0-100°C	3.92	2.13	2.75	9.8
CV2-16N-16N	1 in	Nexus	PTFE	PFA	<1 PSI	5 PSI	0-100 PSI	0-100°C	4.26	2.13	2.75	9.8

Nexus connections are Pillar S-300 Compatible