

PNEULINE FEATURED PRODUCTS

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Discover Pneuline's Expanding Range of In-House Manufactured Products.

At Pneuline, we take pride in our ever-growing lineup of meticulously crafted products. From robust bulkheads to versatile barbed connectors, our offerings are designed to meet your pneumatic needs with precision and reliability, from Bulkheads to Barbed Connectors. Check Valves to Filters—luers to our new self-closing valves.



MPV-L SERIES | MEDICAL GRADE LUER CHECK VALVES

Our MPV Luer Series Medical Grade Plastic Check Valves are manufactured, assembled, produced, 15 psi tested, and pre-packaged in a Class 7 Cleanroom environment

Check valves Made of Polypropylene, Polycarbonate, Radiation-Stable Polycarbonate, and Kynar 720®.

4 Main Connector Options: Male Inlet Luer with Rotating Collar to Female Luer, Male Inlet Rotating Collar to Male Rotating Collar, Female Inlet Luer Lock to Female Luer Lock, Female Inlet Luer Lock to Male Slip, Barb to ***

Diaphragm Options: Silicone

Flow Direction: Inlet to Outlet

***Custom Options: These Luers can be manufactured to fit with any of our Barb Connectors on the opposing end.
Barb Size options: 1/8 inch, 3/16 inch, 1/4 inch, 5/16 inch, 3/8 inch

SKU	Description
MPV-FLL-PC-S	IN: Female Luer OUT: Female Luer
MLLR-PC-S	IN: Male Luer OUT: Male Luer w/Rotating Collar
FLL-MLLR-PC-S	IN: Female Luer OUT: Male Luer w/ Rotating Collar
MLLR-FLL-PC-S	IN: Male Luer Out: Female Luer



PSSV SERIES- SELF-SEAL CHECK VALVES

Our **PSSV Series, Self-sealing Check Valves**, are made from either Polycarbonate or Polypropylene housings with Barb connector sizes of 3/16 inch or 5/16 inch. In addition, the product is made in a class 7 clean room. The seal is a retractable silicone disk that prevents back-flow in several air and liquid applications making it an ideal option for the Medical Industry. Optional sealing material is EPDM. Additional sizes on request.

- Open pressure is approximately .20 PSI
- Flow is 56.29 l/h
- Crack Pressure is .001 PSI

SKU	Description
PSSV-3B-PP	3/16 inch by 3/16 inch Polypropylene Barbed Self-Sealing Check Valve
PSSV-3B-PC	3/16 inch by 3/16 inch Polycarbonate Barbed Self-Sealing Check Valve
PSSV-5B-PP	5/16 inch by 5/16 inch Polypropylene Barbed Self-Sealing Check Valve
PSSV-5B-PC	5/16 inch by 5/16 inch Polycarbonate Barbed Self-Sealing Check Valve
PSSV-5B3B-PP	5/16 inch by 3/16 inch Polypropylene Barbed Self-Sealing Check Valve
PSSV-5B3B-PC	5/16 inch by 3/16 inch Polycarbonate Barbed Self-Sealing Check Valve



MPV SERIES | FOOD & BEVERAGE GRADE CHECK VALVES

Plastic check valves molded at our facility are made from NSF 51/62 Approved materials, used for food and beverage applications. Our valves do not have grease or oil, like other diaphragm valves on the market. Ideal for contact with Food, Beverage, Water and Laboratory applications. Housings are molded from materials include POM -Celcon, M90® and PVDF, Arkema-Kynar 720®. The diaphragm options are EPDM, Santoprene™, or FDA Viton® disks. Sizes we offer include 1/8, 3/16, 1/4, 5/16, and 3/8 barbed valves.

Download The Flyer

		Flow (l/h)	Crack Pressure
MPV-2B-AC-FDAViton	1/8 Barbed Acetal with FDA Viton .020		
MPV-2B-AC-S	1/8 Barbed Acetal with Santoprene		
MPV-2B-AC-E	1/8 Barbed Acetal with EPDM	50.79	.007
MPV-3B-AC-FDA Viton	3/16 Barbed Acetal with FDA Viton .020		
MPV-3B-AC-S	3/16 Barbed Acetal with Santoprene		
MPV-3B-AC-E	3/16 Barbed Acetal with EPDM	50.79	.007
MPV-4BH-AC-FDA Viton	1/4 Barbed, Acetal, High Flow with FDA Viton .030		
MPV-4BH-AC-S	1/4 Barbed Acetal,High Flow with Santoprene		
MPV-4BH-AC-E	1/4 Barbed Acetal,High Flow with EPDM	26.28	.001
MPV-5B-AC-FDA Viton	5/16 Barbed, Acetal, High Flow with FDA Viton .030		

		Flow (l/h)	Crack Pressure
MPV-5B-AC-S	5/16 Barbed, Acetal, High Flow with Santoprene .030		
MPV-5B-AC-E	5/16 Barbed, Acetal, High Flow with EPDM .030	26.28	.001
MBV-6B-AC-FDA Viton	3/8 Barbed, Acetal, High Flow with FDA Viton .030		
MBV-6B-AC-S	3/8 Barbed, Acetal, High Flow with Santoprene .030		
MBV-6B-AC-E	3/8 Barbed, Acetal, High Flow with EPDM .030	26.28	.001

MPV SERIES | AUTOMOTIVE GRADE CHECK VALVES

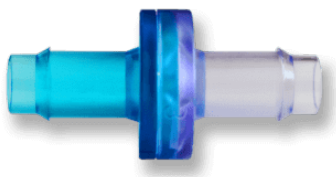


Pneuline Supply manufactures Plastic Check Valves that are ideal for Automotive applications. Inlets are made of either Natural Nylon or Glass-Filled Natural Nylon. Outlets are made of either Black Nylon or Glass-Filled Black Nylon. The Barbed connectors are available in 1/8 inch, 3/16 inch, and 1/4 inch Standard Flow or 1/4 inch, 5/16 inch, and 3/8 inch High Flow. Diaphragms are made of either Fluorosilicone or EPDM. Customer-specific unique laser part marking is available for identifiers such as Part number sequencing, Lot number, or Company name.

SKU	Description	Flow l/h	Crack Pressure
MPV-2B-NE	1/8 Barb Nylon / EPDM Check Valve	50.79	.007
MPV-2B-NF	1/8 Barb Nylon / Fluorosilicone Check Valve	62.79	.007
MPV-3B-NE	3/16 Barb Nylon / EPDM Check Valve	50.79	.007
MPV-3B-NF	3/16 Barb Nylon / Fluorosilicone Check Valve	62.79	.007
MPV-3B-PE	3/16 Barb Polypropylene / EPDM Check Valve	50.79	.007
MPV-4B-HKE	1/4 Barb Hi-Flow PVDF / EPDM Check Valve	26.28	.001
MPV-4B-NE	1/4 Barb Hi-Flow Nylon / EPDM Check Valve	50.79	.007
MPV-4B-NF	1/4 Barb Nylon / Fluorosilicone Check Valve	62.79	.007

SKU	Description	Flow l/h	Crack Pressure
MPV-5B-NE	5/16 Barb Hi-Flow Nylon / EPDM Check Valve	26.28	.001
MPV-5B-NF	5/16 Barb H-Flow Nylon / Fluorosilicone Check Valve	20.57	.001
MPV-5B-R530-E	5/16 Barb High-Flow Glass-Filled Nylon / EPDM Check Valve	26.28	.001
MPV-6B-NE	3/8 Barb High-Flow Nylon / EPDM Check Valve	26.28	.001
MPV-6B-NF	3/8 Barb Hi-Flow Nylon / Fluorosilicone Check Valve	20.57	.001
MPV-6B-R530-E	3/8 Barb High-Flow Glass-Filled Nylon / EPDM Check Valve	26.28	.001

MPV SERIES | MEDICAL GRADE CHECK VALVES



MPV Series Medical Grade Check Valves are manufactured and tested in a Class 7 Cleanroom environment making them ideal for medical applications. All cleanroom check valves are tested in our cleanroom environments at 15 PSI. Resin options include Nylon, Polypropylene, Polycarbonate, Radiation-stable Polycarbonate, and Kynar® 720. Other custom resins are available at the customer’s request. Sizes Available: 3/16 inch, 5/16 inch, and 3/8 inch high flow. Diaphragms are made of Silicone USP Class VI or FDA Viton®. Our custom molding options allow for customer specific needs or requirements which include resin options as well as diaphragm options.

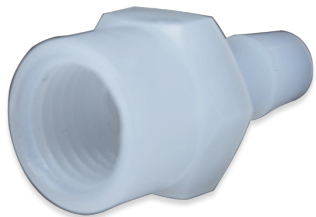
[Download the MPV Series Flyer](#)

SKU	Description
MPV-2B-NS	1/8 Barb Nylon / FDA Silicone Check Valve
MPV-2B-PCS	1/8 Barb Polycarbonate / Natural FDA Silicone Check Valve
MPV-3B-PCS	3/16 Barb Polycarbonate / Silicone .020 VI Check Valve
MPV-4B-KS	1/4 Barb Standard PVDF/ Silicone Check Valve
MPV-6B-KS	3/8 Barb PVDF / USP Class VI Silicone Check Valve
MPV-6B-PCRS	3/8 Barb Polycarbonate / Silicone USP class VI Check Valve



C-342-6 SERIES | STRAINER

C-342-6 Series is a 1/4 Barb Strainer. This product is available in Polypropylene, Glass-Filled Nylon, Nylon, and Acetal Material.



4F4B SERIES | PLASTIC CONNECTOR

4F4B Series is an NPT to 1/4" Barbed Plastic Connector is available in either Kynar or HDPE.



GEN1 SERIES BARBED FITTINGS

GEN1 Series, manufactured by Pneuline, are single barbed plastic fittings without a parting line on the barb.

[Click Here](#) to View Material Options.

Some materials have specific characteristics such as:

- Black Nylon is UV resistant, making it good for outdoor use.
- Glass-filled nylon is stronger than regular nylon and doesn't absorb liquids, making it good for use where water is prevalent. Glass-filled nylon is also good for outdoor motor vehicles, such as motorcycles, boats, and cars.
- PVDF, Polypropylene, and Polycarbonate are all Class 6 USP and are good for medical and bio-pharmaceutical applications. These materials are bovine-free.
- Acetal is NSF 51/61 listed and can be used for potable water and food applications.

Available in Tees, Elbows, and Straight connections.

Items can be run in a class 7 clean room environment.

The GEN1 Series is available with barb sizes of 1/16, 1/8, 3/16 inch, 1/4 inch, 3/8 inch.

[View our Flyer Here](#)

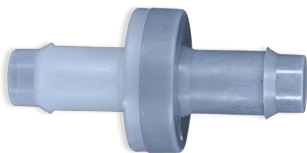
SKU	Description
GEN1-T-1B	1/16 inch Single Barb Tee
Gen1-T-2B	1/8 inch Single Barb Tee
Gen1-T-3B	3/16 Single Barb Tee
GEN1-T-4B	1/4 inch Single Barb Tee
GEN1-T-6B	3/8 inch Single Barb Tee
Gen1-L-1B	1/16 inch Barbed Elbow
Gen1-L-2B	1/8 Inch Barbed Elbow
GEN1-L-3B	3/16 inch Single Barb Elbow
GEN1-L-4B	1/4 inch Single Barb Elbow
GEN1-L-6B	3/8 inch Single Barb Elbow
Gen1-S-1B	1/16 Inch Single Barb Straight
Gen1-S-2B	1/8 inch Single Barb Straight
GEN1-S-3B	3/16 inch Single Barb Straight
GEN1-S-4B	1/4 inch Single Barb Straight
GEN1-S-6B	3/8 inch Single Barb Straight

SKU	Description		Description
	Fitting for tube ID	Natural PVDF	Gray PVDF
GEN1-T-1B NK	1/16 inch Single Barb Tee	PVDF	1/16 inch Single Barb Tee GK
Gen1-T-2B NK	1/8 inch Single Barb Tee	PVDF	1/8 inch Single Barb Tee GK
Gen1-T-3B NK	3/16 Single Barb Tee	PVDF	3/16 Single Barb Tee GK
GEN1-T-4B NK	1/4 inch Single Barb Tee	PVDF	1/4 inch Single Barb Tee GK
GEN1-T-6B NK	3/8 inch Single Barb Tee	PVDF	3/8 inch Single Barb Tee GK
Gen1-L-1B NK	1/16 inch Barbed Elbow	PVDF	1/16 inch Barbed Elbow GK
Gen1-L-2B NK	1/8 Inch Barbed Elbow	PVDF	1/8 Inch Barbed Elbow GK
GEN1-L-3B NK	3/16 inch Single Barb Elbow	PVDF	3/16 inch Single Barb Elbow GK
GEN1-L-4B NK	1/4 inch Single Barb Elbow	PVDF	1/4 inch Single Barb Elbow GK
GEN1-L-6B NK	3/8 inch Single Barb Elbow	PVDF	3/8 inch Single Barb Elbow GK
Gen1-S-1B NK	1/16 Inch Single Barb Straight	PVDF	1/16 Inch Single Barb Straight GK
Gen1-S-2B NK	1/8 inch Single Barb Straight	PVDF	1/8 inch Single Barb Straight GK
GEN1-S-3B NK	3/16 inch Single Barb Straight	PVDF	3/16 inch Single Barb Straight GK
GEN1-S-4B NK	1/4 inch Single Barb Straight	PVDF	1/4 inch Single Barb Straight GK
GEN1-S-6B NK	3/8 inch Single Barb Straight	PVDF	3/8 inch Single Barb Straight GK

SKU	Description	Description	Description	Description
Fitting for tube ID	Natural Nylon NN	White Nylon WN	Black Nylon BN	30% Glass Filled Black Nylon GFBN
GEN1-T-1B	1/16 inch Single Barb Tee NN	1/16 inch Single Barb Tee WN	1/16 inch Single Barb Tee BN	1/16 inch Single Barb Tee GFBN
GEN1-T-2B	1/8 inch Single Barb Tee NN	1/8 inch Single Barb Tee WN	1/8 inch Single Barb Tee BN	1/8 inch Single Barb Tee GFBN
GEN1-T-3B	3/16 Single Barb Tee NN	3/16 Single Barb Tee WN	3/16 Single Barb Tee BN	3/16 Single Barb Tee WN
GEN1-T-4B	1/4 inch Single Barb Tee NN	1/4 inch Single Barb Tee WN	1/4 inch Single Barb Tee BN	1/4 inch Single Barb Tee GFBN
GEN1-T-6B	3/8 inch Single Barb Tee NN	3/8 inch Single Barb Tee WN	3/8 inch Single Barb Tee BN	3/8 inch Single Barb Tee GFBN
GEN1-L-1B	1/16 inch Barbed Elbow NN	1/16 inch Barbed Elbow WN	1/16 inch Barbed Elbow BN	1/16 inch Barbed Elbow GFBN
GEN1-L-2B	1/8 Inch Barbed Elbow NN	1/8 Inch Barbed Elbow WN	1/8 Inch Barbed Elbow BN	1/8 Inch Barbed Elbow GFBN
GEN1-L-3B	3/16 inch Single Barb Elbow NN	3/16 inch Single Barb Elbow WN	3/16 inch Single Barb Elbow BN	3/16 inch Single Barb Elbow GFBN

SKU	Description	Description	Description	Description
GEN1-L-4B	1/4 inch Single Barb Elbow NN	1/4 inch Single Barb Elbow WN	1/4 inch Single Barb Elbow BN	1/4 inch Single Barb Elbow GFBN
GEN1-L-6B	3/8 inch Single Barb Elbow NN	3/8 inch Single Barb Elbow WN	3/8 inch Single Barb Elbow BN	3/8 inch Single Barb Elbow GFBN
GEN1-S-1B	1/16 Inch Single Barb Straight NN	1/16 Inch Single Barb Straight WN	1/16 Inch Single Barb Straight BN	1/16 Inch Single Barb Straight GFBN
Gen1-S-2B	1/8 inch Single Barb Straight NN	1/8 inch Single Barb Straight WN	1/8 inch Single Barb Straight BN	1/8 inch Single Barb Straight GFBN
GEN1-S-3B	3/16 inch Single Barb Straight NN	3/16 inch Single Barb Straight WN	3/16 inch Single Barb Straight BN	3/16 inch Single Barb Straight GFBN
GEN1-S-4B	1/4 inch Single Barb Straight NN	1/4 inch Single Barb Straight WN	1/4 inch Single Barb Straight BN	1/4 inch Single Barb Straight GFBN
GEN1-S-6B	3/8 inch Single Barb Straight NN	3/8 inch Single Barb Straight WN	3/8 inch Single Barb Straight BN	3/8 inch Single Barb Straight GFBN

MPV SERIES | INDUSTRIAL GRADE CHECK VALVES



MPV Plastic Diaphragm Check Valves are Manufactured by Pneuline Supply. One way valves are used for Ozone, pools, spas, printing, ink jet applications. Wound therapy, air mattresses.

printing and ink jet applications. Vacuum applications.

Our valves are offered in 5 different housing materials and 6 different standard barb configurations.

- **Kynar® 720 PVDF, Acetal, Nylon, Glass-filled Nylon, Polypropylene.**
- **Barbed connectors are available in 1/8 inch, 3/16 inch, and 1/4 inch standard flow or 1/4 inch, 5/16 inch, and 3/8 inch high flow.**
- **Diaphragm selections are Fluorosilicone, EPDM, Viton®, or Kalrez® FFKM**

SKU	Description	Flow (l/h)	Crack Pressure
MPV-2B-KK	1/8 Barb PVDF / Kalrez® Check Valve	43.17	.011
MPV-2B-KV	1/8 Barb PVDF / FKM Check Valve	68.09	.006
MPV-2B-NF	1/8 Barb Nylon / Fluorosilicone Check Valve	62.79	.007
MPV-2B-NV	1/8 Barb Nylon / FKM Check Valve	68.09	.006
MPV-3B-AF	3/16 Barb Acetal / Fluorosilicone Check Valve	62.79	.007
MPV-3B-KV	3/16 Barb PVDF / FKM Check Valve	68.09	.006
MPV-3B-NF	3/16 Barb Nylon / Fluorosilicone Check Valve	62.79	.007
MPV-3B-NV	3/16 Barb Nylon / FKM Check Valve	68.09	.006
MPV-3B-PF	3/16 Barb Polypropylene / Fluorosilicone Check Valve	62.79	.007
MPV-3B-PV	3/16 Barb Polypropylene / FKM Check Valve	68.09	.006
MPV-4B-HKK	1/4 Barb Hi-Flow PVDF / Kalrez Check Valve	10.82	.001
MPV-4B-HKV	1/4 Barb Hi-Flow PVDF / FKM Check Valve	35.75	.001
MPV-4B-HNF	1/4 Barb Hi-Flow Nylon / Fluorosilicone Check Valve	20.57	.001
MPV-4B-HNV	1/4 Barb Hi-Flow PVDF / FKM Check Valve	35.75	.001
MPV-4B-KV	1/4 Barb Standard Flow PVDF / FKM Check Valve	68.09	.006
MPV-4B-NF	1/4 Barb Nylon / Fluorosilicone	62.79	.007
MPV-4B-NV	1/4 Barb Nylon / FKM Check Valve	68.09	.006
MPV-4B-PF	1/4 Barb Polypropylene / Fluorosilicone Check Valve	62.79	.007
MPV-4B-PV	1/4 Barb Polypropylene / FKM Check Valve	68.09	.006
MPV-5B-AF	5/16 Barb Acetal / Fluorosilicone Check Valve	20.57	.001
MPV-5B-KK	5/16 Barb PVDF / Kalrez® Check Valve	10.82	.001
MPV-5B-KV	5/16 Barb PVDF / FKM Check Valve	35.73	.001
MPV-5B-NF	5/16 Barb Nylon / Fluorosilicone Check Valve	20.57	.001
MPV-5B-NV	5/16 Barb Nylon / FKM Check Valve	35.75	.001
MPV-6B-KV	3/8 Barb PVDF / FKM Check Valve	35.75	.001
MPV-6B-NF	3/8 Barb Nylon / Fluorosilicone Check Valve	20.57	.001
MPV-6B-NV	3/8 Barb Nylon / FKM Check Valve	35.75	.001

LD SERIES | LAB DISCONNECTS



Pneuline Supply, Inc. manufactures these low-pressure Lab Disconnects made from either Polyethylene or Polypropylene which are used in laboratories for vacuum applications, low-pressure lines, water lines, and inert gases. They connect various tubing sizes from 1/8 inch, 7/32 inch, 1/4 inch, and .170 ID tube lines. They can be purchased with a Viton® or EPDM disc Check Valve, or with a porous Polyethylene filter. A unique pick-up tube line assembly for use in drawing air or water from containers is also available.

SKU	Description
LD-F-LDPE	Female LDPE Lab Disconnect
LD-F-PP	Female Polypropylene Lab Disconnect
LD-F-LDPE	Male/Female LDPE Complete Lab Disconnect
LD-M-LDPE	Male LDPE Lab Disconnect
LD-M-NB-PP	Male No-Barb Polypropylene Lab Disconnect