

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.

BHUC SERIES



The BHUC is a versatile 1/2 barbed bulkhead featuring an 11/16-24 thread for seamless panel mounting. It requires an 18 MM hole for the through-hole mounting process. This bulkhead is crafted from various robust materials, including Acetal, PVDF, and Polypropylene, ensuring durability and performance. It is rated to withstand up to 50 PSI. The BHUC bulkhead is available with a nickel-plated nut or an optional Acetal nut for an additional cost.



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

Our **PSSV Series, Self-sealing Check Valves**, are made from either Polycarbonate or Polypropylene housings with Barb connector sizes for 3/16 inch ID tubing or 5/16 inch ID tubing. 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 for air applications including respiratory, ventilator, bio-pharmaceutical. The product can also be used with fluid applications for the medical devices. Designed for pressures under 50 PSI. All material are compatible with Gamma Sterilization 6 Mrads, and ETO Sterilization.

Additional product materials are Radiation Stable Polycarbonate and PVDF. Optional sealing material is EPDM with qualifying volumes. Additional barb sizes, Male and Female Luer connections and Bond-in connections can be designed and provided with quantity volumes.

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

[View our Flyer Here](#)

SKU	Description
PSSV-3B-P5	3/16 inch by 3/16 inch Polypropylene Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-3B-PC	3/16 inch by 3/16 inch Polycarbonate Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-3B-K	3/16 inch by 3/16 inch Kynar Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B-P5	5/16 inch by 5/16 inch Polypropylene Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B-PC	5/16 inch by 5/16 inch Polycarbonate Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B-K	5/16 inch by 5/16 inch Kynar Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B3B-P5	5/16 inch by 3/16 inch Polypropylene Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B3B-PC	5/16 inch by 3/16 inch Polycarbonate Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B3B-K	5/16 inch by 3/16 inch Kynar Body Silicone Diaphragm 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](#)

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
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
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
MPV-5B-AC-FDA Viton	5/16 Barbed, Acetal, High Flow with FDA Viton .030
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
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

MPV SERIES | AUTOMOTIVE GRADE CHECK VALVES

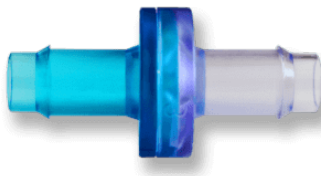


Pneuline Supply manufactures Plastic Check Valves that are ideal for Automotive applications. Inlets are made of either Natural Nylon or Glass-Filled Natural Nylon. Outlets are made of either Black Nylon or Glass-Filled Black Nylon. The Barbed connectors are available in 1/8-inch, 3/16 inch, and 1/4-inch 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.

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SKU	Description
MPV-2B-NE	1/8 Barb Nylon / EPDM Check Valve
MPV-2B-NF	1/8 Barb Nylon / Fluorosilicone Check Valve
MPV-3B-NE	3/16 Barb Nylon / EPDM Check Valve
MPV-3B-NF	3/16 Barb Nylon / Fluorosilicone Check Valve
MPV-3B-PE	3/16 Barb Polypropylene / EPDM Check Valve
MPV-4B-HKE	1/4 Barb Hi-Flow PVDF / EPDM Check Valve
MPV-4B-NE	1/4 Barb Hi-Flow Nylon / EPDM Check Valve
MPV-4B-NF	1/4 Barb Nylon / Fluorosilicone Check Valve
MPV-5B-NE	5/16 Barb Hi-Flow Nylon / EPDM Check Valve
MPV-5B-NF	5/16 Barb H-Flow Nylon / Fluorosilicone Check Valve
MPV-5B-R530-E	5/16 Barb High-Flow Glass-Filled Nylon / EPDM Check Valve
MPV-6B-NE	3/8 Barb High-Flow Nylon / EPDM Check Valve
MPV-6B-NF	3/8 Barb Hi-Flow Nylon / Fluorosilicone Check Valve
MPV-6B-R530-E	3/8 Barb High-Flow Glass-Filled Nylon / EPDM Check Valve

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 Pickup Strainer used to keep debris from flowing upward in a tube line. This product is available in Polypropylene, Nylon, and Acetal Material. Hose sizes are 1/8, 3/16, 1/4, 5/16 and 3/8 barbs. Strainers, made primarily with polyester material, ranging from 65 to 1000 micron

4F4B SERIES | PLASTIC CONNECTOR



4F4B Series is a FNPT 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.

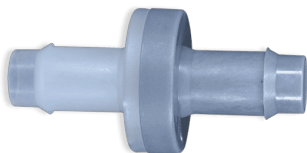
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SKU	Description	Optional Materials
GEN1-T-1B	1/16 inch Single Barb Tee	Natural & Gray Kynar Polycarbonate Natural & Black Nylon Polypropylene Black Glass-Filled Nylon
Gen1-T-2B	1/8 inch Single Barb Tee	Natural & Gray Kynar Polycarbonate Natural & Black Nylon Polypropylene Black Glass-Filled Nylon
Gen1-T-3B	3/16 Single Barb Tee	Natural & Gray Kynar Polycarbonate Natural & Black Nylon Polypropylene Black Glass-Filled Nylon
GEN1-T-4B	1/4 inch Single Barb Tee	Natural & Gray Kynar Polycarbonate Natural & Black Nylon Polypropylene Black Glass-Filled Nylon
GEN1-T-6B	3/8 inch Single Barb Tee	Natural & Gray Kynar Polycarbonate Natural & Black Nylon Polypropylene Black Glass-Filled Nylon
Gen1-L-1B	1/16 inch Barbed Elbow	Natural & Gray Kynar Polycarbonate Natural & Black Nylon Polypropylene Black Glass-Filled Nylon
Gen1-L-2B	1/8 Inch Barbed Elbow	Natural & Gray Kynar Polycarbonate Natural & Black Nylon Polypropylene Black Glass-Filled Nylon
GEN1-L-3B	3/16 inch Single Barb Elbow	Natural & Gray Kynar Polycarbonate Natural & Black Nylon Polypropylene Black Glass-Filled Nylon
GEN1-L-4B	1/4 inch Single Barb Elbow	Natural & Gray Kynar Polycarbonate Natural & Black Nylon Polypropylene Black Glass-Filled Nylon



SKU	Description	Optional Materials
GEN1-L-6B	3/8 inch Single Barb Elbow	Natural & Gray Kynar
		Polycarbonate
		Natural & Black Nylon
		Polypropylene
		Black Glass-Filled Nylon
		Natural & Gray Kynar
		Polycarbonate
		Natural & Black Nylon
Gen1-S-1B	1/16 Inch Single Barb Straight	Polypropylene
		Black Glass-Filled Nylon
		Natural & Gray Kynar
		Polycarbonate
		Natural & Black Nylon
		Polypropylene
		Black Glass-Filled Nylon
		Natural & Gray Kynar
Gen1-S-2B	1/8 inch Single Barb Straight	Polycarbonate
		Natural & Black Nylon
		Polypropylene
		Black Glass-Filled Nylon
		Natural & Gray Kynar
		Polycarbonate
		Natural & Black Nylon
		Polypropylene
GEN1-S-3B	3/16 inch Single Barb Straight	Black Glass-Filled Nylon
		Natural & Gray Kynar
		Polycarbonate
		Natural & Black Nylon
		Polypropylene
		Black Glass-Filled Nylon
		Natural & Gray Kynar
		Polycarbonate
GEN1-S-4B	1/4 inch Single Barb Straight	Natural & Black Nylon
		Polypropylene
		Black Glass-Filled Nylon
		Natural & Gray Kynar
		Polycarbonate
		Natural & Black Nylon
		Polypropylene
		Black Glass-Filled Nylon
GEN1-S-6B	3/8 inch Single Barb Straight	Natural & Gray Kynar
		Polycarbonate
		Natural & Black Nylon
		Polypropylene
		Black Glass-Filled Nylon

MPV SERIES | INDUSTRIAL GRADE CHECK VALVES



MPV Series 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, ink jet applications, Vacuum applications, corrosive liquids. We are the exclusive producers of PVDF: Kynar 720 (R) Valves with FFKM, Kalrez 4079 Diaphragms.

[Download Our Flyer](#) for information on our body & diaphragm options.

SKU	Description
MPV-2B-KK	1/8 Barb PVDF / Kalrez® Check Valve
MPV-2B-KV	1/8 Barb PVDF / FKM Check Valve
MPV-2B-NF	1/8 Barb Nylon / Fluorosilicone Check Valve
MPV-2B-NV	1/8 Barb Nylon / FKM Check Valve
MPV-3B-AF	3/16 Barb Acetal / Fluorosilicone Check Valve
MPV-3B-KV	3/16 Barb PVDF / FKM Check Valve
MPV-3B-NF	3/16 Barb Nylon / Fluorosilicone Check Valve
MPV-3B-NV	3/16 Barb Nylon / FKM Check Valve
MPV-3B-PF	3/16 Barb Polypropylene / Flourosilicone Check Valve
MPV-3B-PV	3/16 Barb Polypropylene / FKM Check Valve
MPV-4B-HKK	1/4 Barb Hi-Flow PVDF / Kalrez Check Valve
MPV-4B-HKV	1/4 Barb Hi-Flow PVDF / FKM Check Valve
MPV-4B-HNF	1/4 Barb Hi-Flow Nylon / Fluorosilicone Check Valve
MPV-4B-HNV	1/4 Barb Hi-Flow PVDF / FKM Check Valve
MPV-4B-KV	1/4 Barb Standard Flow PVDF / FKM Check Valve
MPV-4B-NF	1/4 Barb Nylon / Fluorosilicone
MPV-4B-NV	1/4 Barb Nylon / FKM Check Valve
MPV-4B-PF	1/4 Barb Polypropylene / Fluorosilicone Check Valve
MPV-4B-PV	1/4 Barb Polypropylene / FKM Check Valve
MPV-5B-AF	5/16 Barb Acetal / Fluorosilicone Check Valve
MPV-5B-KK	5/16 Barb PVDF / Kalrez® Check Valve
MPV-5B-KV	5/16 Barb PVDF / FKM Check Valve
MPV-5B-NF	5/16 Barb Nylon / Fluorosilicone Check Valve
MPV-5B-NV	5/16 Barb Nylon / FKM Check Valve
MPV-6B-KV	3/8 Barb PVDF /FKM Check Valve
MPV-6B-NF	3/8 Barb Nylon / Fluorosilicone Check Valve
MPV-6B-NV	3/8 Barb Nylon / FKM Check Valve

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

WPF SERIES | PLASTIC INLINE FILTERS



WPF Series Filters are manufactured by Pneuline Supply to custom specifications per customer requirements. Barbed connectors are available in various combinations such as...
- 1/8, 3/16, 1/4, 5/16, and 3/8 barbs. Male and Female Luers are available and can be mixed and matched with Barb connectors or opposing luer connectors. Our luer connections are ISO.594 compatible. Filters can be used for lab applications, medical applications, and industrial products.

Filter Housings can be made from various materials such as:-
Polypropylene, Polycarbonate, Nylon, Acetal, and PVDF

The operating pressure is 50 PSI This series has a flat filter welded into the housing which is available in 10 different polyester filter media 4-5 stainless steel options..

- Fabric**
- Available in Polyester or Polypropylene fabric (PTFE or PVDF optional)
 - Sizes include: 5, 10, 20, 44, 64, 75, 105, 150, 177, 200, and 250 microns

-Porous high-density Polyethylene

- Hydrophobic in nature, therefore blocking most fluids
- Sizes include: 15-45, 45-90, and 90-160 microns

-Stainless steel

- Two grades available: 304 and 316L
- 304 is available in 61 micron(app 250 mesh), 74 micron(app 200 mesh), 103 micron(150 mesh), and 149 micron(100 mesh)
- 316SS available in 44 microns

SKU	Description
WPF-2B-BKAC-45 HDPE	1/8 inch Barbed BK Acetal 45 HDPE In-Line Filter
WPF-2B-BKAC-80SS	1/8 inch Barbed BK Acetal 80 Mesh 304 In-Line Filter
WPF-2B-N	1/8 inch Barbed Nylon In-Line Filter
WPF-2B-N-10	1/8 inch Barbed 10 Micron Nylon Filter
WPF-2B-P-105	1/8 inch Barbed 105 Micron Polypropylene Filter
WPF-2B-PC-45PE	1/8 inch Barbed Polycarbonate with 45 micron Polyester filter
WPF-2B-PC-5PE	1/8 inch Barbed Polycarbonate with 5 Micron Polyester filter
WPF-2B-PC-20N	1/8 inch Barbed Polycarbonate with 20 Micron Nylon In-Line Filter
WPF-2B-PC-30N	1/8 inch Barbed Polycarbonate with 30 Micron Nylon In-Line Filter
WPF-2B-NK-45 PE Medifab	1/8 inch Barbed PVDF 45 micron Medifab Filter
WPF-3B-N-30	3/16 inch Barbed 30 Micron Nylon Filter
WPF-3B-P	3/16 inch Barbed Polypropylene Filter
WPF-3B-P-130	3/16 inch Barbed 130 Micron Polypropylene Filter
WPF-3B-PC-200PE	3/16 inch Barbed with 200 Micron Polycarbonate Filter
WPF-3B-PVDF-250	3/16 inch Barbed 250 Micron PVDF Filter
WPF-4BHF-N-75N	1/4 inch High Flow Barbed Nylon with 75 Micron Filter
WPF-4BHF-PC-200PE	1/4 inch High Flow Barbed Polycarbonate with 200 Filter
WPF-4B-K-200SS	1/4 inch Barbed PVDF with 200 Micron Stainless Steel Filter
WPF-4B-K-250SS	1/4 inch Barbed PVDF with 250 Micron Stainless Steel Filter
WPF-4B-N-48	1/4 inch Barbed 48 Micron Nylon Filter
WPF-4B-P-149	1/4 inch Barbed 149 Micron Polypropylene Filter
WPF-4B-PVDF-250	1/4 inch Barbed 250 Micron PVDF Filter
WPF-FLLMLLR-PC-200PE	Female to Male Luer, Polycarbonate, 200 Micron Polyester

BHUDC SERIES



The **BHUDC Series Bulkheads** are **Manufactured by *Pneuline Supply, Inc.*** in-house and offer a unique flatted side for a Greenlee D punch, thus avoiding the possibility for the Bulkhead to turn. Bulkheads are assigned sizes from the outside of the panel to the inside. Available in 1/8 inch, 1/4 inch, and 3/8 inch Hose Barb sizes, or any combination. The 3/8 inch panel fitting does not have a flatted side. Also, the materials available are Natural Nylon, Black Nylon, Polypropylene, PVDF, and Acetal. Zinc-plated nuts are available for Nylon bulkheads, and Nylon nuts are available for all other bulkheads.

SKU	Description
BHUDC-2B2B-BN	1/8 inch Barb by 1/8 inch Barb Black Nylon Bulkhead
BHUDC-2B2B-N	1/8 inch Barb by 1/8 inch Barb Nylon Bulkhead
BHUDC-2B4B-BN	1/8 inch Barb by 1/4 inch Barb Black Nylon Bulkhead
BHUDC-2B4B-N	1/8 inch Barb by 1/4 inch Barb Nylon Bulkhead
BHUDC-2B4B-NK	1/8 inch Barb by 1/4 inch Barb PVDF Bulkhead
BHUDC-4B170-PP	1/4 inch Barb by .170 Barb Nylon Bulkhead
BHUDC-4B4B-BK-PP	1/4 inch by 1/4 inch Black Polypropylene Bulkhead
BHUDC-4B4B-BN	1/4 inch by 1/4 inch Black Nylon Bulkhead
BHUDC-4B4B-N	1/4 inch Barb by 1/4 inch Barb Nylon Bulkhead
BHUDC-4B4B-NK	1/4 inch Barb by 1/4 inch Barb PVDF Bulkhead
BHUDC-4B4B-PP	1/4 inch Barb Natural Polypropylene Bulkhead
BHUDC-4B6B-BN	1/4 inch Barb by 3/8 inch Barb Black Nylon Bulkhead
BHUDC-4B6B-N	1/4 inch Barb by 3/8 inch Barb Nylon Bulkhead
BHUDC-4B6B-PP	1/4 inch Barb by 3/8 inch Barb Polypropylene Bulkhead
BHUDC-6B170B-N	3/8 inch Barb by .170 Barb Nylon Bulkhead
BHUDC-6B6B-AC	3/8 inch Barb by 3/8 inch Barb Acetal Bulkhead
BHUDC-6B6B-BN	3/8 inch Barb by 3/8 inch Barb Black Nylon Bulkhead
BHUDC-6B6B-N	3/8 inch Barb Nylon Bulkhead
BHUDC-6B6B-PP	3/8 inch Barb by 3/8 inch Barb Polypropylene Bulkhead