

Pneuline Supply, Inc.

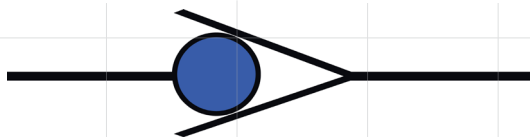


FEATURED PRODUCT CATALOG

Fluid Transfer Components
Check Valves
Medical Connectors
Filtration Products

ISO 9001:2015 Certified
Class 7 Cleanroom Manufacturing
Made in USA

www.pneulinesupply.com



MANUFACTURING CAPABILITIES

ISO 9001:2015 Certified
Class 7 Cleanroom Manufacturing
100% Leak Testing
Custom Injection Molding
Prototype to Production
Made in USA

Pneuline manufactures precision plastic components for medical, laboratory, fluid transfer, and industrial applications.



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4F4B Series

Pneuline **4F4B series** is a plastic 1/4" FNPT to a 1/4" barbed connector, that provides a secure leak-free connections. With 1/4" FNPT threading this product allows for a durable tight fit. In need of a plastic connector for high-demand environments request a quote for this product today!



FEATURES

- FNPT to Barb Connection
- Durable Plastic Construction
- Secure Leak-Resistant Design

APPLICATIONS

- Fluid Transfer
- Fluid Conveyance
- High-Demand

SPECIFICATION	VALUE
Material	Kynar 720®, HDPE
Temperature	-40° F to 140°F
Media	Compatible Fluids
Color	Natural

ORDERING INFORMATION		
Part Number	Material	Tube Size
4F4B-NK720	Kynar 720®	1/4"
4F4B-HDPE	High-Density Polyethylene (Medical Grade Available)	1/4"

91557 Series

The Pneuline **91557 Series** is a versatile pickup tube assembly incorporating a 1/4" compression fitting, 1/8" barbed connection, and integrated strainer for filtration. Engineered for medical and laboratory fluid handling applications, the series delivers reliable fluid transfer while helping prevent particulate contamination. Available in lengths up to 13 inches, the **91557 Series** can also be supplied in custom shorter lengths and with optional cap configurations to meet specific application requirements.



FEATURES

- Strainer for Filtration
- 1/4" Compression to 1/8" Barb Connection
- Available in Lengths up to 13"
- Optional Protective Cap Available

APPLICATIONS

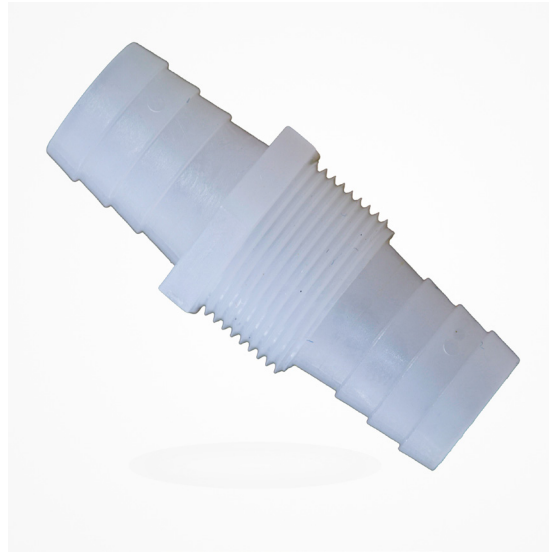
- Fluid Transfer
- Laboratory & Medical Environments

SPECIFICATION	VALUE
Material	HDPE, Kynar 720°
Media	Compatible Fluids
Color	White

ORDERING INFORMATION		
Part Number	Material	Size
91557	Kynar 720°	1/8"
	High-Density Polyethylene (Medical Grade Available)	1/8"

BHUC Series

The Pneuline **BHUC Series** is a 1/2" barbed bulkhead fitting featuring an 11/16-24 mounting thread and panel-mount design for secure fluid transfer applications. Designed for installation in an 18 mm panel opening, the **BHUC Series** is available in multiple materials with either acetal or steel-plated retaining nuts.



FEATURES

- 18mm Panel Mount Design
 - Acetal and Steel Nut
 - Rate to 50 PSI
- Cleanroom Manufacturing Available

APPLICATIONS

- Fluid Transfer Systems
- Automotive Fluid Handling
- Chemical Processing Equipment
- Laboratory Applications

SPECIFICATION	VALUE
Material	Acetal, Kynar 720®, Nylon, Polypropylene
Mounting Thread	11/16-24
Barb Size	1/2"
Media	Compatible Fluids
Color	Natural, Black*

ORDERING INFORMATION

Part Number	Material	Size
BHUC	Acetal	1/2"
	Kynar 720®	
	Nylon*	
	Polypropylene	

BHUDC Series

The Pneuline BHUDC Series is a barbed bulkhead fitting designed with an anti-rotation flat for use with a Greenlee® D punch. This feature helps prevent fitting rotation in the field and provides a secure panel installation. Available in multiple hose barb sizes and material options, the BHUDC Series can be supplied with either zinc-plated steel or nylon retaining nuts to meet a variety of fluid handling requirements.



FEATURES

- Flat Greenlee® Punch for anti-rotation
 - Nylon or Zinc-Plated Steel Nut
 - Rate to 50 PSI
- Cleanroom Manufacturing Available

APPLICATIONS

- Fluid Transfer Systems
- Automotive Fluid Handling
- Chemical Processing Equipment
 - Laboratory Applications

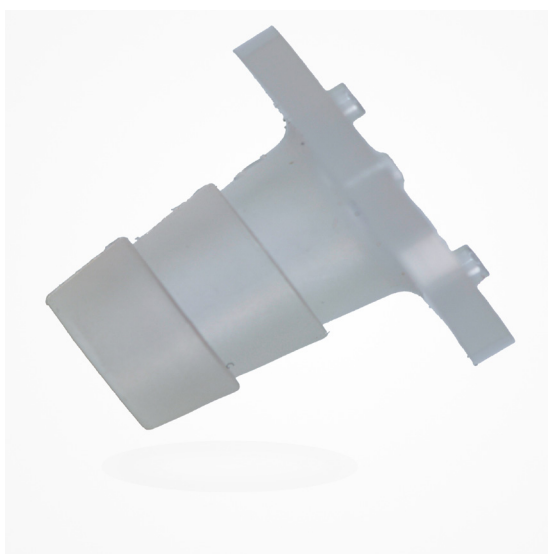
SPECIFICATION	VALUE
Material	Glass-Filled Nylon, Nylon, Kynar 720®, Polypropylene
Barb Size	1/8", 1/4", 3/8"
Media	Compatible Fluids
Color	Natural, Black, White

ORDERING INFORMATION

Part Number	Material	Size
BHUDC-2B2B	Acetal	1/8" by 1/8"
BHUDC-2B4B	Kynar 720®	1/8" by 1/4"
BHUDC-4B4B	Nylon	1/4" by 1/4"

C-342-6 Series

The Pneuline C-342-6 Series is a plastic pickup strainer engineered to prevent debris and contaminants from entering tubing and fluid handling systems. The multi-barb design provides secure hose retention and is available in a variety of hose barb sizes and material options. For applications requiring additional filtration, the C-342-6 Series can be supplied with an integrated polyester strainer element.



FEATURES

- Multi-Barbed
- Strainer
- Cleanroom Manufacturing Available

APPLICATIONS

- Fluid Transfer Systems
- Medical & Laboratory Applications
- Filtration Systems

SPECIFICATION	VALUE
Material	Acetal, Nylon, Polypropylene
Barb Size	1/4"
Media	Filtration
Color	Natural, White

ORDERING INFORMATION

Part Number	Material	Size
C-342-6 Series	Acetal	1/4"
	Nylon	
	Polypropylene	

CE-14PG-2B Series

The Pneuline CE-14PG-2B Series is a 1/4" FNPT compression elbow to a 1/8" Barbed fitting. This fitting is designed for seamless leak resistant connections, to provide reliable fluid transfer.



FEATURES

- Compression Elbow
- Threaded Design
- Cleanroom Manufacturing Available

APPLICATIONS

- Fluid Transfer Systems
- Medical & Laboratory & Industrial Systems

SPECIFICATION	VALUE
Material	Kynar 720 [®]
Barb Size	1/8"
Media	Compatible Fluids
Color	Natural, White, Gray, Blue

ORDERING INFORMATION		
Part Number	Material	Size
CE-14PG-2B-NK	Kynar 720 [®]	1/8"

DTF-S Series

The Pneuline DTF-S Series is a three-port F-style barbed fitting engineered for flexible tubing applications. Its unique barb design can expand tubing up to 50% beyond its normal inside diameter, creating a secure connection with excellent pressure-holding capability. All three ports are manufactured with equal barb sizes for uniform flow characteristics and installation flexibility.



FEATURES

- F-Style Barbed Fitting
- Expands tubing by 50%
- Cleanroom Manufacturing Available

APPLICATIONS

- High-Pressure Capabilities
- Medical & Laboratory & Industrial Systems

SPECIFICATION	VALUE
Material	Nylon, Polypropylene
Barb Size	1/8"
Media	Compatible Fluids
Color	Natural, White, Black, Blue

ORDERING INFORMATION		
Part Number	Material	Size
GEN1-188X3PT	Natural Polypropylene	1/8"
	White Nylon	

DTP-S Series

The Pneuline DTP-S Series is a four-port elbow tee fitting designed for medical, laboratory, and fluid transfer applications. Also available is the DTTP-S Series, a six-port double tee configuration. Both series feature precision single-barb connections with no parting line and are capable of expanding tubing up to 50% beyond its nominal inside diameter for secure retention and high-pressure performance.



FEATURES

- Elbow Barbed Fitting
- Also available with Six-Port Double Tee
 - Expands tubing by 50%
- Cleanroom Manufacturing Available

APPLICATIONS

- High-Pressure Capabilities
- Medical & Laboratory & Industrial Systems
 - Fluid Transfer

SPECIFICATION	VALUE
Material	Nylon, Polypropylene
Barb Size	1/8"
Media	Compatible Fluids
Color	Natural, White, Black, Blue

ORDERING INFORMATION		
Part Number	Material	Size
GEN1-188X4PT	Natural Polypropylene	1/8"
	White Nylon	

G1 Series

The Pneuline G1 Series is a compact pressure gauge featuring a durable ABS case and precision brass movement. Designed for monitoring steam, air, oil, and water applications, the series is available in pressure ranges from 0-30 PSI to 0-160 PSI and includes a 1/8" MNPT center back mount for easy installation.



FEATURES

- ABS Plastic Case
- Center Back Mount
- Brass Movement

APPLICATIONS

- Steam, air, oil and water

SPECIFICATION	VALUE
Pressure Range	30, 60, 100, 160 PSI
Connection	1/8" MNPT
Mount Style	Center Back Mount
Temperature Range	0° F to 160° F

ORDERING INFORMATION

PART NUMBER	PSI
G1-CBM-30	0-30
G1-CBM-60	0-60
G1-CBM-100	0-100
G1-CBM-160	0-160

GEN1 Series

The Pneuline GEN1 Series is a family of precision-molded barbed fittings designed without a parting line on the barb, providing improved tubing retention and sealing performance. Available in multiple connection styles and material options, the GEN1 Series is ideal for medical, laboratory, industrial, automotive, and general fluid transfer applications. Optional cleanroom manufacturing is also available.



FEATURES

- Made in USA
- No Parting Line on Barb
- Multiple Connection Styles
- Optional Cleanroom Manufacturing

APPLICATIONS

- Medical, Industrial, Automotive Industries
- Inline Tubed Operations

SPECIFICATION	VALUE
Connection Types	Tees, Elbows, Straight,
Material	Nylon, Glass-filled Nylon, Kynar 720®, Polypropylene, Polycarbonate, Acetal

ORDERING INFORMATION		
Part Number	Size	Connection Type
GEN1-T-1B	1/16"	Tee
GEN1-T-2B	1/8"	Tee
GEN1-T-3B	3/16"	Tee
GEN1-T-4B	1/4"	Tee
GEN1-T-6B	3/8"	Tee
GEN1-L-1B	1/16"	Elbow
GEN1-L-2B	1/8"	Elbow
GEN1-L-3B	3/16"	Elbow
GEN1-L-4B	1/4"	Elbow
GEN1-L-6B	3/8"	Elbow
GEN1-S-1B	1/16"	Straight
GEN1-S-2B	1/8"	Straight
GEN1-S-4B	1/4"	Straight
GEN1-S-6B	3/8"	Straight

GEN1-FLL Series

The Pneuline GEN1-FLL Series is the female luer lock version of our precision-molded barbed fitting family. Designed without a parting line on the barb, the series provides improved tubing retention and sealing performance. Each fitting features a barbed tubing connection and female luer lock interface for easy integration into medical, laboratory, sampling, and low-pressure fluid transfer systems. The GEN1-FLL Series is available in multiple barb sizes and material options, with matching male counterparts available.



FEATURES

- Female Luer Lock Connection
- Precision Molded Barb Design
- Available in Multiple Sizes & Materials
- Matching Male Counterpart Available
- Optional Cleanroom Manufacturing

APPLICATIONS

- Medical Devices
- Laboratory Equipment
- Sampling Systems
- Low-Pressure Systems
- Fluid Transfer Applications

SPECIFICATION	VALUE
Barb Sizes Available	1/16", 1/8", 3/16"
Connection Type	Female Luer Lock
Material Options	Acetal, Kynar 720®, Nylon, Polycarbonate, Polypropylene

ORDERING INFORMATION		
Part Number	Size	Connection Type
Gen1-1B-FLL	1/16"	Female Luer Lock
Gen1-2B-FLL	1/8"	Female Luer Lock
Gen1-3B-FLL	3/16"	Female Luer Lock

GEN1-MLL Series

The Pneuline GEN1-MLL Series is the male luer lock version of our precision-molded barbed fitting family. Designed without a parting line on the barb, the series provides improved tubing retention and sealing performance. Each fitting features a barbed tubing connection and male luer lock interface for easy integration into medical, laboratory, sampling, and low-pressure fluid transfer systems. The GEN1-MLL Series is available in multiple barb sizes and material options, with matching male counterparts available.



FEATURES

- Male Luer Lock Connection
- Precision Molded Barb Design
- Available in Multiple Sizes & Materials
- Matching Female Counterpart Available
- Optional Cleanroom Manufacturing

APPLICATIONS

- Medical Devices
- Laboratory Equipment
- Sampling Systems
- Low-Pressure Systems
- Fluid Transfer Applications

SPECIFICATION	VALUE
Barb Sizes Available	1/16", 1/8", 3/16"
Connection Type	Male Luer Lock
Material Options	Acetal, Kynar 720®, Nylon, Polycarbonate, Polypropylene

ORDERING INFORMATION

Part Number	Size	Connection Type
GEN1-1B-MLL	1/16"	Male Luer Lock
GEN1-2B-MLL	1/8"	Male Luer Lock
GEN1-3B-MLL	3/16"	Male Luer Lock

LD Series

The Pneuline LD Series is a low-pressure lab disconnect for use in laboratories for vacuum applications, low-pressure lines, water lines, and inert gases. Available in a variety of tubing sizes and configurable with a Viton® or EPDM sealing disk, as well as an optional porous polyethylene filter.



FEATURES

- Various Tubing Sizes
- Precision Molded Barb Design
- Available in Multiple Sizes & Materials
- Optional Cleanroom Manufacturing

APPLICATIONS

- Vacuum Applications
- Low-Pressure Lines
 - Water Lines
 - Inert Gases

SPECIFICATION	VALUE
Barb Sizes Available	1/8", 7/32", 1/4", .170 ID
Connection Type	Barbed
Material Options	Polyethylene, Polypropylene

ORDERING INFORMATION	
Part Number	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

MPV Series

Miniature Plastic Valves

The Pneuline MPV Series is a family of miniature one-way check valves designed to provide reliable back-flow prevention in air and fluid handling systems. Manufactured in-house under ISO 9001:2015 quality standards, each valve is individually leak tested to ensure consistent performance and product reliability. Available in multiple barb sizes, body materials, and diaphragm configurations, the MPV Series offers a versatile solution for medical, laboratory, industrial, food-grade, and automotive applications.



KEY FEATURES

- One-Way Flow
- 100% Leak Tested
- ISO 9001:2015
- Multiple Materials
- Multiple Diaphragm
- Cleanroom Class 7 Manufacturing
- Private Marking Laser Print

APPLICATION

- Medical Devices
- Laboratory Systems
- Food & Beverage
- Automotive Systems
- Industrial Fluid Transfer

SERIES CAPABILITIES

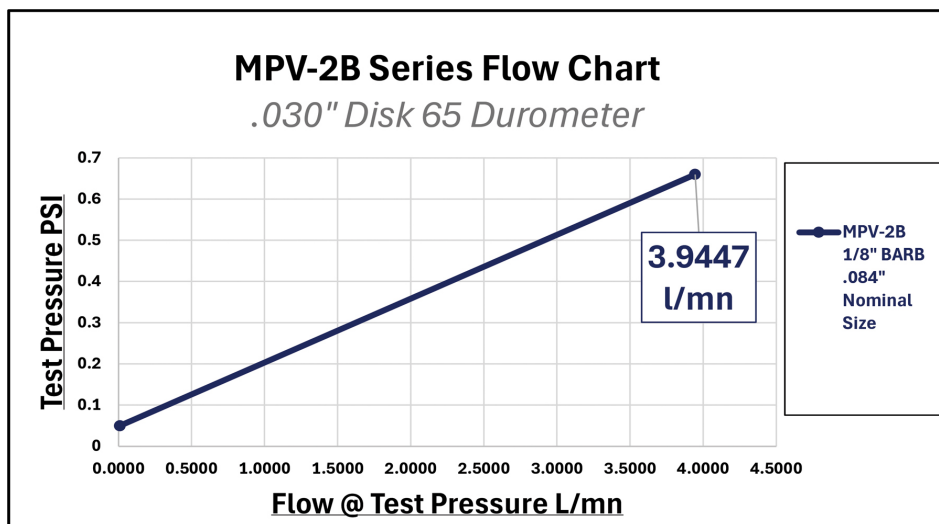
SERIES CAPABILITIES		
MATERIALS	DIAPHRAGM	MANUFACTURING
Acetal	EPDM	Standard Controlled Environment
Kynar 720®	FDA-Grade Viton®	
Glass-Filled Nylon R530	Fluorosilicone	
Nylon	Kalrez ®	Class 7 Cleanroom
Polycarbonate	Silicone USP Class VI	
Polypropylene	Viton®	
HDPE®		

AVAILABLE CONFIGURATIONS

PART NUMBER	BARB SIZE	FLOW
MPV-2B	1/8"	Standard Flow
MPV-3B	3/16"	Standard Flow
MPV-4B	1/4"	Standard Flow
MPV-4BH	1/4"	High Flow
MPV-5B	5/16"	High Flow
MPV-6B	3/8"	High Flow

MPV-2B Series

The Pneuline MPV-2B Series is a 1/8" barbed one-way flow check valve designed to provide reliable backflow prevention in fluid and air handling systems. Manufactured in-house under ISO 9001:2015 quality standards, each valve is individually leak tested to verify performance and ensure product reliability. The MPV Series is available in a wide range of body materials and diaphragm options to meet demanding medical, laboratory, industrial, food-grade, and automotive application requirements. Cleanroom manufacturing and custom configurations are also available to support specialized application needs.



FEATURES

- One-Way Flow Control
- Controlled Production Environment
 - 100% Leak Tested
 - Fully customizable

APPLICATIONS

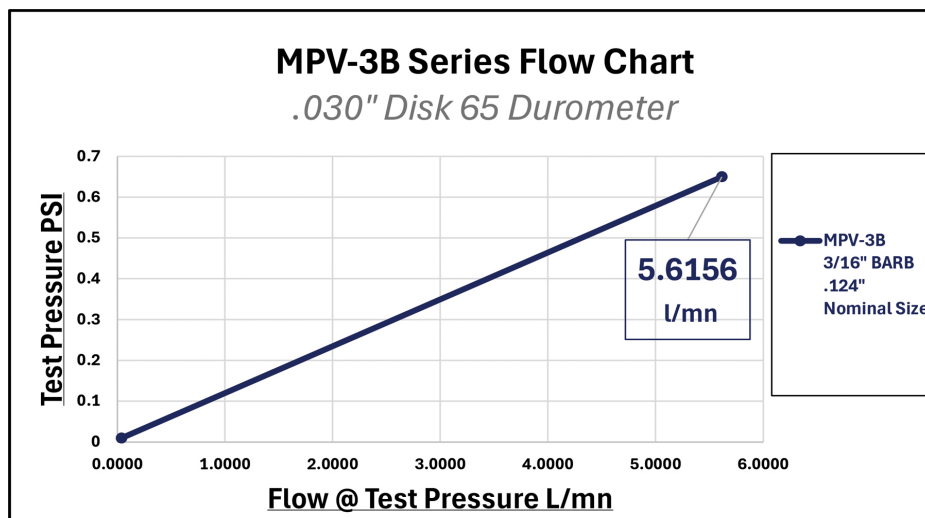
- Automotive Systems
- Medical Devices
- Laboratory Equipment
- FDA/NSF Food-Grade Applications
- Industrial Fluid Transfer

SPECIFICATION	VALUE
Barb Sizes Available	1/8"
Connection Type	Barbed, Bond-In,
Thru-hole Size Range	.084"-.089"
Standard Crack Pressure	0.50 PSI

ORDERING INFORMATION			
Part Number	Size	Body Material	Diaphragm
MPV-2B-(BODY)-(DIAPHRAGM)	1/8"	Acetal	EPDM
		Kynar 720®	FDA-Grade Viton®
		Glass-Filled Nylon R530	Fluorosilicone
		Nylon	Kalrez
		Polycarbonate	Silicone USP Class VI
		Polypropylene	Viton®

MPV-3B Series

The Pneuline MPV-3B Series is a 3/16" barbed one-way flow check valve designed to provide reliable backflow prevention in fluid and air handling systems. Manufactured in-house under ISO 9001:2015 quality standards, each valve is individually leak tested to verify performance and ensure product reliability. The MPV Series is available in a wide range of body materials and diaphragm options to meet demanding medical, laboratory, industrial, food-grade, and automotive application requirements. Cleanroom manufacturing and custom configurations are also available to support specialized application needs.



FEATURES

- One-Way Flow Control
- Controlled Production Environment
 - 100% Leak Tested
 - Fully customizable
 - Optional Tapered Barb

APPLICATIONS

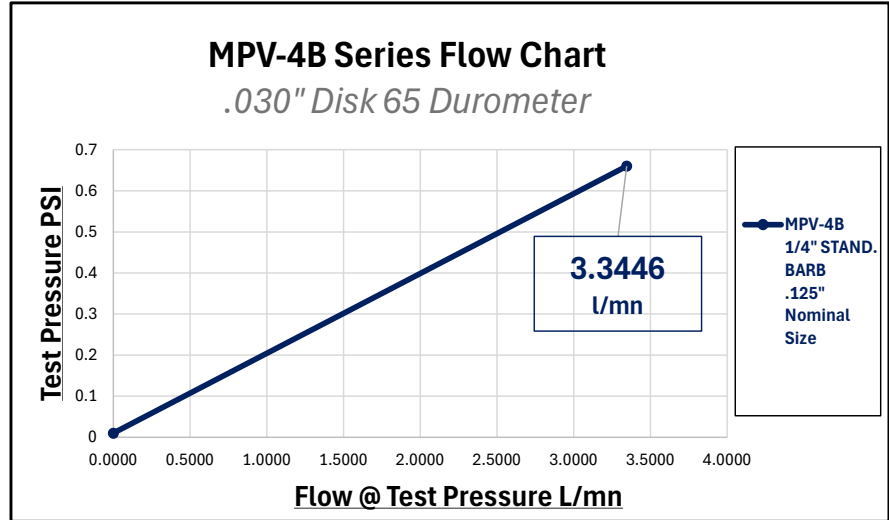
- Automotive Systems
- Medical Devices
- Laboratory Equipment
- FDA/NSF Food-Grade Applications
- Industrial Fluid Transfer

SPECIFICATION	VALUE
Barb Sizes Available	3/16"
Connection Type	Barbed
Thru-hole Size Range	.124"-.129"
Standard Crack Pressure	0.55 PSI

ORDERING INFORMATION			
Part Number	Size	Body Material	Diaphragm
MPV-3B-(BODY)-(DIAPHRAGM)	3/16"	Acetal	EPDM
		Kynar 720®	FDA-Grade Viton®
		Glass-Filled Nylon R530	Fluorosilicone
		Nylon	Kalrez
		Polycarbonate	Silicone USP Class VI
		Polypropylene	Viton®

MPV-4B Series

The Pneuline MPV-4B Series is a 1/4" Standard Flow barbed one-way flow check valve designed to provide reliable back-flow prevention in fluid and air handling systems. Manufactured in-house under ISO 9001:2015 quality standards, each valve is individually leak tested to verify performance and ensure product reliability. The MPV Series is available in a wide range of body materials and diaphragm options to meet demanding medical, laboratory, industrial, food-grade, and automotive application requirements. Cleanroom manufacturing and custom configurations are also available to support specialized application needs.



FEATURES

- One-Way Flow Control
- Controlled Production Environment
 - 100% Leak Tested
 - Fully customizable
 - Standard Flow

APPLICATIONS

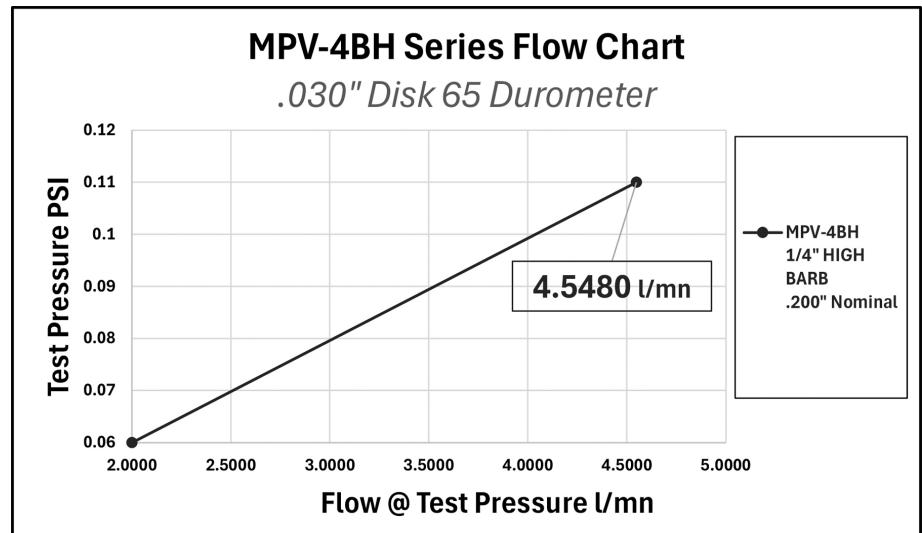
- Automotive Systems
- Medical Devices
- Laboratory Equipment
- FDA/NSF Food-Grade Applications
- Industrial Fluid Transfer

SPECIFICATION	VALUE
Barb Sizes Available	1/4"
Connection Type	Barbed
Thru-hole Size Range	.125"-.130"
Standard Crack Pressure	0.58 PSI

ORDERING INFORMATION			
Part Number	Size	Body Material	Diaphragm
MPV-4B-(BODY)-(DIAPHRAGM)	1/4"	Acetal	EPDM
		Kynar 720®	FDA-Grade Viton®
		Glass-Filled Nylon R530	Fluorosilicone
		Nylon	Kalrez
		Polycarbonate	Silicone USP Class VI
		Polypropylene	Viton®

MPV-4BH Series

The Pneuline MPV-4BH Series is a 1/4" high-flow barbed check valve engineered for dependable one-way flow control and backflow prevention. Each valve is manufactured in-house under ISO 9001:2015 quality standards and individually leak tested to verify performance and reliability. Multiple body material and diaphragm combinations are available to support a wide range of air and fluid handling applications. Optional cleanroom manufacturing and custom configurations are available to satisfy specialized system requirements.



FEATURES

- One-Way Flow Control
- Controlled Production Environment
 - 100% Leak Tested
 - Fully Customizable
 - High- Flow

APPLICATIONS

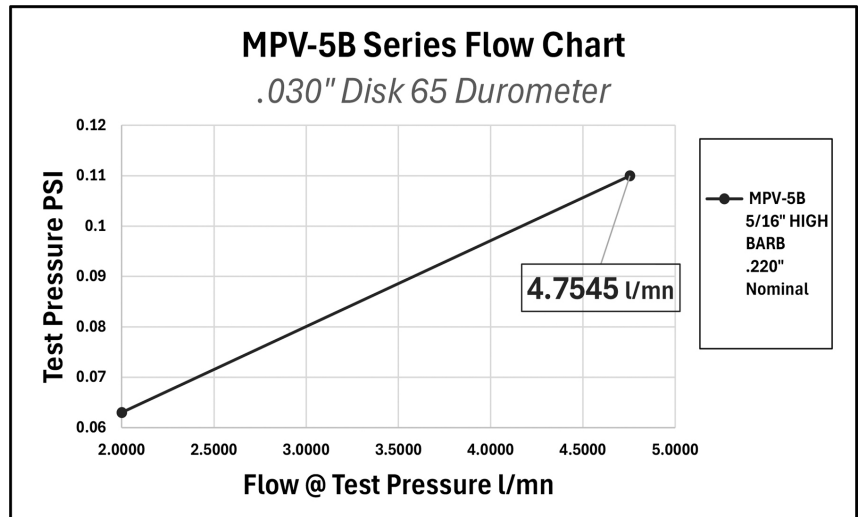
- Automotive Systems
- Medical Devices
- Laboratory Equipment
- FDA/NSF Food-Grade Applications
- Industrial Fluid Transfer

SPECIFICATION	VALUE
Barb Sizes Available	1/4"
Connection Type	Barbed
Thru-hole Size Range	.199"-.204"
Standard Crack Pressure	.022 PSI

ORDERING INFORMATION			
Part Number	Size	Body Material	Diaphragm
MPV-4BH-(BODY)-(DIAPHRAGM)	1/4"	Acetal	EPDM
		Kynar 720®	FDA-Grade Viton®
		Glass-Filled Nylon R530	Fluorosilicone
		Nylon	Kalrez
		Polycarbonate	Silicone USP Class VI
		Polypropylene	Viton®

MPV-5B Series

The Pneuline MPV-5B Series is a high-flow 5/16" barbed one-way check valve designed to prevent backflow in air and fluid handling systems. Manufactured in-house under ISO 9001:2015 quality standards, every valve is 100% leak tested to ensure reliable performance and product consistency. Available in a wide range of body materials and diaphragm options, the MPV-5B Series can be configured to meet the requirements of medical, laboratory, industrial, food-grade, and automotive applications. Cleanroom manufacturing and custom configurations are also available for specialized application needs.



FEATURES

- One-Way Flow Control
- Controlled Production Environment
 - 100% Leak Tested
 - Fully Customizable
 - High- Flow

APPLICATIONS

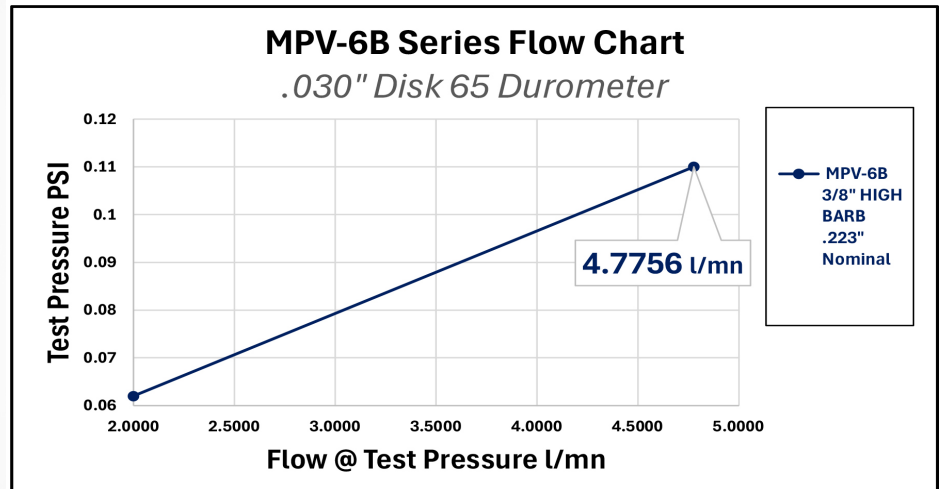
- Automotive Systems
- Medical Devices
- Laboratory Equipment
- FDA/NSF Food-Grade Applications
- Industrial Fluid Transfer

SPECIFICATION	VALUE
Barb Sizes Available	5/16"
Connection Type	Barbed, Bond-In
Thru-hole Size Range	.220"-.225"
Standard Crack Pressure	.028 PSI

ORDERING INFORMATION			
Part Number	Size	Body Material	Diaphragm
MPV-5B-(BODY)-(DIAPHRAGM)	5/16"	Acetal	EPDM
		Kynar 720®	FDA-Grade Viton®
		Glass-Filled Nylon R530	Fluorosilicone
		Nylon	Kalrez
		Polycarbonate	Silicone USP Class VI
		Polypropylene	Viton®

MPV-6B Series

The Pneuline MPV-6B Series is a 3/8" barbed one-way check valve engineered for reliable backflow prevention in air and fluid handling systems. As the largest standard barb size in the MPV family, the MPV-6B Series is well suited for applications requiring increased flow capacity while maintaining dependable check valve performance. Manufactured in-house under ISO 9001:2015 quality standards, every valve is 100% leak tested to ensure product reliability. A wide selection of body materials and diaphragm options is available to support medical, laboratory, industrial, food-grade, and automotive applications. Cleanroom manufacturing and custom configurations are also available.



FEATURES

- One-Way Flow Control
- Controlled Production Environment
 - 100% Leak Tested
 - Fully Customizable
 - High-Flow

APPLICATIONS

- Automotive Systems
- Medical Devices
- Laboratory Equipment
- FDA/NSF Food-Grade Applications
- Industrial Fluid Transfer

SPECIFICATION	VALUE
Barb Sizes Available	3/8"
Connection Type	Barbed
Thru-hole Size Range	.223" - .228"
Standard Crack Pressure	.029 PSI

ORDERING INFORMATION			
Part Number	Size	Body Material	Diaphragm
MPV-6B-(BODY)-(DIAPHRAGM)	3/8"	Acetal	EPDM
		Kynar 720®	FDA-Grade Viton®
		Glass-Filled Nylon R530	Fluorosilicone
		Nylon	Kalrez
		Polycarbonate	Silicone USP Class VI
		Polypropylene	Viton®

MPV-L Series

The Pneuline MPV-L Series is a line of medical-grade luer check valves engineered to provide dependable backflow prevention in sterile fluid handling systems. Manufactured and assembled in a Class 7 cleanroom environment, these valves are well suited for medical, laboratory, diagnostic, and bioprocess applications. Available in multiple connection styles and body materials, the MPV-L Series can be configured to meet chemical compatibility and performance requirements. Optional luer-to-barb configurations further expand installation and application flexibility.



FEATURES

- Male/ Female Luers
- Class 7 Cleanroom Environment
 - Fully Customizable
 - Barb to Luer Options
 - Sterile

APPLICATIONS

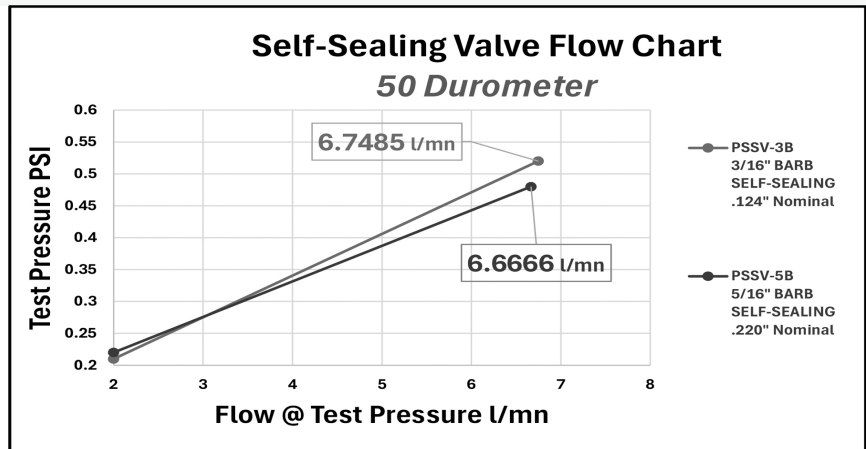
- Medical Devices
- Laboratory Equipment
 - Diagnostics
 - Bioprocess

SPECIFICATION	VALUE
Connection Type	Luer Lock, Slip-Rotating Collar
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 All Barbs can Match to Luers
Materials	Polypropylene, Polycarbonate, Radiation-Stable Polycarbonate, and Kynar 720®
Max Operating Pressure	15 PSI

Order Information			
Part Number	Configuration	Body Materials	Diaphragm
MPV-FLL-BODY-DIAPHRAGM	IN: Female Luer OUT: Female Luer	Kynar 720® Polycarbonate Polypropylene	Silicone USP Class VI
MPV-MLLR-BODY-DIAPHRAGM	IN: Male Luer OUT: Male Luer w/Rotating Collar		
MPV-FLL-MLLR-BODY-DIAPHRAGM	IN: Female Luer OUT: Male Luer w/ Rotating Collar		
MPV-MLLR-FLL-BODY-DIAPHRAGM	IN: Male Luer Out: Female Luer		

PSSV Series

The Pneuline PSSV Series is a self-sealing check valve designed to provide reliable backflow prevention in critical air and fluid handling applications. Unlike conventional check valves, the PSSV Series utilizes a retractable diaphragm design that automatically seals when disconnected, helping minimize fluid loss and contamination. Available with multiple connection styles including barbed, luer, and bond-in configurations, the series supports a wide range of medical, laboratory, and high-purity applications. The valve can be configured with either silicone or EPDM diaphragms and is available with sterilization-compatible materials for demanding environments.



FEATURES

- Self-Sealing Check Valve
- Retractable Diaphragm
 - Barb to Luer Options
 - Sterile
- High-Purity Performance
- ETO Sterilization for medical-grade cleanliness
 - Gamma Sterilization (6 Mrads)

APPLICATIONS

- Medical Devices
- Laboratory Equipment
- Contamination Control
- Critical Applications

SPECIFICATION	VALUE
Connection Type	Barbed, Bond-In, Luer Lock, Slip-Rotating Collar
Thru-hole Range	.220" - .225", .124" - .129"
Crack Pressure	.30-.35 PSI
Materials	Polypropylene, Polycarbonate, Radiation-Stable Polycarbonate,
Max Operating Pressure	50 PSI

Order Information			
Part Number	Description	Body Materials	Diaphragm
PSSV-3B-(BODY)-50D	Barbed Valve 3/16" by 3/16"	Polypropylene Polycarbonate Radiation-Stable Polycarbonate	Silicone EPDM
PSSV-5B-(BODY)-50D	Barbed Valve 5/16" by 5/16"		
PSSV-5B3B-(BODY)-50D	Barbed Valve 5/16" by 3/16"		
PSSV-3B5B-(BODY)-50D	Barbed Valve 3/16" by 5/16"		

RPF Series

The Pneuline RPF Series is a barbed pickup filter designed for installation at the end of tubing lines to help prevent contaminants from entering fluid handling systems. Available in a wide range of body materials, filter media options, and micron ratings, the RPF Series can be configured to meet the filtration requirements of medical, laboratory, industrial, and contamination-control applications.



5-250 Micron Filtration

FEATURES

- Barbed End-of-Line Filter
- Multiple Body Material Options
- Class 7 Cleanroom Manufacturing Available
- Wide Range of Filter Screen Materials
- Micron Ratings from 5 to 250 Microns

APPLICATIONS

- Medical Devices
- Laboratory Equipment
- Contamination Control Systems
- Fluid Transfer System
- Filtration Applications

SPECIFICATION	VALUE
Connection Type	Barbed
Body Materials	Acetal, Nylon, Polypropylene, Polycarbonate,
Max Operating Pressure	50 PSI
Filter Screens	Acetal, Kynar 720®, Polypropylene, Polyester
Filter Micron	10-250 Micron

Order Information				
Part Number	Description	Body Materials	Filter Screens Material	Microns
RPF-3B- (BODY)-(FILTER)	3/16" Barbed Pickup Filter	Acetal Nylon Polypropylene Polycarbonate	Acetal Kynar 720® Polypropylene Polyester	5 Micron
RPF-4B-(BODY)-(FILTER)	1/4" Barbed Pickup Filter			10 Micron
				20 Micron
				44 Micron
				64 Micron
				75 Micron
				105 Micron
				177 Micron
				200 Micron
				250 Micron

WPF Series

The Pneuline WPF Series is a barbed filter designed for installation at the end of tubing lines to help prevent contaminants from entering fluid handling systems. Available in a wide range of body materials, filter media options, and micron ratings, the WPF Series can be configured to meet the filtration requirements of medical, laboratory, industrial, and contamination-control applications.



5-250 Micron Filtration

FEATURES

- Barbed Filter
- Multiple Body Material Options
- Class 7 Cleanroom Manufacturing Available
- Wide Range of Filter Screen Materials
- Micron Ratings from 5 to 250 Microns

APPLICATIONS

- Medical Devices
- Laboratory Equipment
- Contamination Control Systems
- Fluid Transfer System
- Filtration Applications

SPECIFICATION	VALUE
Connection Type	Barbed
Body Materials	Acetal, Nylon, Polypropylene, Polycarbonate,
Max Operating Pressure	20 PSI
Filter Screens	Acetal, Kynar 720®, Polypropylene, Polyester
Filter Micron	10-250 Micron

Order Information

Part Number	Description	Body Materials	Filter Screens Materials	Microns
WPF-2B-(BODY)-(FILTER)	1/8" Barb	Acetal Glass-Filled Nylon Kynar 720® Nylon Polycarbonate Polypropylene	Acetal Kynar 720® Polypropylene Polyester	5 Micron
WPF-3B-(BODY)-(FILTER)	3/16" Barb			10 Micron
WPF-4B-(BODY)-(FILTER)	1/4" Barb			20 Micron
WPF-5B-(BODY)-(FILTER)	3/8" Barb			44 Micron
				64 Micron
				75 Micron
				105 Micron
				177 Micron
				200 Micron
				250 Micron

CONTACT US

970-506-9670

sales@pneulinesupply.com

www.pneulinesupply.com



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