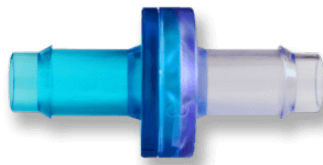


## **POLYCARBONATE**

## MPV SERIES | MEDICAL GRADE CHECK VALVES



Manufactured and rigorously tested in a **Class 7 Cleanroom**, our **MPV Series Medical Grade Check Valves** are built to meet the highest standards for **medical, laboratory, and bio-pharmaceutical applications**. Each valve undergoes **100% Leak Decay Testing** in our cleanroom environment, ensuring unmatched reliability and contamination control.

### Premium Resin Options for Critical Applications

- **Nylon, Polypropylene, Polycarbonate, & Radiation-Stable Polycarbonate** – Ensuring durability and performance
- **Kynar® 720** – A trusted material for medical fluid handling
- **Custom resins are available** upon request for specialized needs

**Optimized High-Flow Sizes, 3/16", 5/16", and 3/8"** barbed valves, designed for superior flow control

### USP Class VI & FDA-Compliant Diaphragm Choices

- **Silicone USP Class VI** – Ideal for medical-grade applications
- **FDA Viton®** – Reliable sealing and chemical resistance

**Custom Molding for Tailored Solutions-** We offer **fully customizable resin and diaphragm options** to meet unique customer requirements, ensuring precision engineering for specialized applications.

Built for **purity, performance, and customization**, the MPV Series delivers exceptional quality for critical environments.

[Download the MPV Series Flyer](#)

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SKU	Description	Body	Diaphragm
MPV-2B-Body-Diaphragm	1/8" Barbed Inline Check Valve Body Diaphragm	Nylon	
		Polycarbonate	USP Class VI
		Polypropylene	Silicone
		Kynar®	
MPV-3B-Body-Diaphragm	3/16" Barbed Inline Check Valve Body Diaphragm	Nylon	
		Polycarbonate	USP Class VI
		Polypropylene	Silicone
		Kynar®	

MPV-4B-Body-Diaphragm	1/4" Barbed Stand-Flow Inline Check Valve Body Diaphragm	Nylon Polycarbonate USP Class VI Polypropylene Silicone Kynar®
MPV-5B-Body-Diaphragm	5/16" Barbed Hi-Flow Inline Check Valve Body Diaphragm	Nylon Polycarbonate USP Class VI Polypropylene Silicone Kynar®
MPV-6B-Body-Diaphragm	3/8" Barbed High-Flow Inline Check Valve Body Diaphragm	Nylon Polycarbonate USP Class VI Polypropylene Silicone Kynar®
Cleanroom Class 8 Production and Manufacturing		

## HFSC SERIES STOPCOCKS



4-way Stopcock is available in Polycarbonate, Acetal, Polyethylene, HDPE, Acrylic and Silicone. These Stopcocks are chemically resistant and not made with DEHP. Connection options include male luer slip, male luer lock, male luer with spin lock, rotating male luer lock, female luer lock, and tubing ports. Psi is 50, higher pressures are available on request.

SKU	DESCRIPTION
HFSC-4-MSFF-PC	4-Way Stopcock Male Slip by FF Polycarbonate
HFSC-4-FFF-PC	4-Way Stopcock FFF Polycarbonate
HFSC-4-FFM-PC	4-Way Stopcock FFM Polycarbonate
HFSC-4-FMM-PC	4-Way Stopcock FMM Polycarbonate
HFSC-4-FMF-PC	4-Way Stopcock FMF Polycarbonate
HFSC-4-MFF-PC	4-Way Stopcock MFF Polycarbonate
HFSC-4-MFM-PC	4-Way Stopcock MFM Polycarbonate
HFSC-4-MMF-PC	4-Way Stopcock MMF Polycarbonate
HFSC-4-MMM-PC	4-Way Stopcock MMM Polycarbonate
HFSC-4-MSFF-PC	4-Way Stopcock Male Slip by FF Polycarbonate

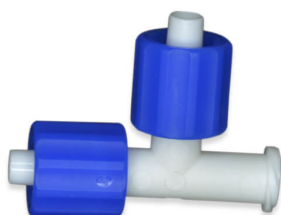


## MLLR-1428 SERIES- MALE LUER

Male luer with 5/16" hex to 1/4-28 UNF thread. It is available in white and black Nylon, natural Polypropylene, clear Polycarbonate, and PVDF. Separate locking rings are offered in various nylon colors. 1/4-28 bottom sealing threads are also available.

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## ML SERIES



The ML Series are rotating male luers made of Nylon, Polypropylene, or Polycarbonate. Nut colors include black, red, and blue. See all parts listed below.

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SKU	DESCRIPTION
MLLRF	Male Luer Swivel by Female Luer
MLLRM	Male Luer Swivel Connector
MLEF	Male Luer Swivel by Female Luer
MLEM	Male Luer Swivel by Male Luer Swivel
MLLFMTR	Male Luer Swivel/Female Luer/Male Luer Swivel
MLLFFTR	Male Luer SWIVEL/ Female LUER/ Female Luer



## MFT & MFMT LUER TEE

Tee is available in 2 different configurations: 2 female thread style luer and 1 male luer and 2 male luer to 1 female thread style luer. They are both available in white and black Nylon, Polypropylene, and clear and radiation stable Polycarbonate. They may be used with a separate locking ring.

### SKU

### DESCRIPTION

MFT-PP Female Luer by Female Luer Thread by Male Luer Tee Polypropylene  
MFMT-PP Male Luer by Male Luer by Female Luer Thread Tee Polypropylene

## FLLC-MG SERIES



The FLLC-MG Series is a Female luer lock coupler. It is available in white Nylon, Polypropylene, clear Polycarbonate, radiation Polycarbonate, and PVDF.

### SKU

### DESCRIPTION

FLLC-MG Female Luer Lock Connector



## FLLPC PANEL MOUNT SERIES

The FLLPC Series is a Panel-mounted female luer lock with a hose barb fitting. Panel mount threads are 1/4-28. The barbs on the inside of the panel are 1/16", 3/32" and 1/8". This luer lock is made of white and black Nylon, natural Polypropylene, clear polycarbonate, and PVDF. Optional color-coded panel rings and nuts are available.

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SKU	DESCRIPTION
FLLPC-S-1B	Female Luer Lock to 1/16 Barb Bulkhead
FLLPC-S-2B	Female Luer Lock to 1/8 Barb Bulkhead
FLLPC-S-332B	Female Luer Lock to 3/32 Barb Bulkhead



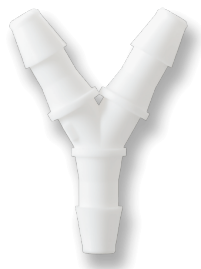
## FSL & MSL SERIES

The FSL & MSL Series is a Male and Female Slip Luers in clear ABS, white Nylon, clear Polycarbonate, PVDF, and radiation-stable polycarbonate. Barb sizes range from 1/16" to 1/4". 1/4-28 male UNF threads are also available.

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SKU	DESCRIPTION
FSL-I-18	Female Slip Luer to White Nylon 1/8 Barb
FSL-MG-116	Female Slip Luer to 1/16 Barb
FSL-MG-332	Female Slip Luer to 3/32 Barb
FSL-MG-18	Female Slip Luer to 1/8 Barb
FSL-S-532	Female Slip Luer to 5/32 Barb
MSL-14	Male Slip Luer to 1/4-28 Male UNF
MSL-MG-116	Male Slip Luer to 1/16 Barb
MSL-MG-332	Male Slip Luer to 3/32 Barb
MSL-MG-18	Male Slip Luer to 1/8 Barb
MSL-S-1B-NK	Male Slip Luer to 1/16 Barb
MSL-S-532	Male Slip Luer to 5/32 Barb
MSL-U-316	Male Slip Luer to 3/16 Barb

## Y-S SERIES



Y-S Series Wye tube fitting has equal single barbs and works well with flexible tubing. The barbs can expand tubing up to 50% above its normal size. This allows higher pressure capabilities. Available materials are White and Black Nylon, Natural Polypropylene, Polycarbonate, and PVDF. Barb sizes are 1/16 inch, 3/32 inch, 1/8 inch, 5/32 inch, 3/16 inch, and 1/4 inch. These Wyes are used primarily in laboratory and medical environments.

SKU	Description
Y-S-1B-WN	1/16 inch White Nylon Single Barbed Wye Connector
Y-S-1B-BN	1/16 inch Black Nylon Single Barbed Wye Connector
Y-S-1B-NPP	1/16 inch Natural Polypropylene Single Barbed Wye Connector
Y-S-1B-PC	1/16 inch Polycarbonate Single Barbed Wye Connector
Y-S-1B-PVDF	1/16 inch PVDF Single Barbed Wye Connector
Y-S-332B-WN	3/32 inch White Nylon Single Barbed Wye Connector
Y-S-332B-BN	3/32 inch Black Nylon Single Barbed Wye Connector
Y-S-332B-NPP	3/32 inch Natural Polypropylene Single Barbed Wye Connector
Y-S-332B-PC	3/32 inch Polycarbonate Single Barbed Wye Connector
Y-S-332B-PVDF	3/32 inch PVDF Single Barbed Wye Connector
Y-S-2B-WN	1/8 inch White Nylon Single Barbed Wye Connector
Y-S-2B-BN	1/8 inch Black Nylon Single Barbed Wye Connector
Y-S-2B-NPP	1/8 inch Natural Polypropylene Single Barbed Wye Connector
Y-S-2B-PC	1/8 inch Polycarbonate Single Barbed Wye Connector
Y-S-2B-PVDF	1/8 inch PVDF Single Barbed Wye Connector
Y-S-532-WN	5/32 inch White Nylon Single Barbed Wye Connector
Y-S-532-BN	5/32 inch Black Nylon Single Barbed Wye Connector
Y-S-532-NPP	5/32 inch Natural Polypropylene Single Barbed Wye Connector
Y-S-532-PC	5/32 inch Polycarbonate Single Barbed Wye Connector
Y-S-532-PVDF	5/32 inch PVDF Single Barbed Wye Connector
Y-S-3B-WN	3/16 inch White Nylon Single Barbed Wye Connector
Y-S-3B-BN	3/16 inch Black Nylon Single Barbed Wye Connector
Y-S-3B-NPP	3/16 inch Natural Polypropylene Single Barbed Wye Connector
Y-S-3B-PC	3/16 inch Polycarbonate Single Barbed Wye Connector
Y-S-3B-PVDF	3/16 inch PVDF Single Barbed Wye Connector
Y-S-4B-WN	1/4 inch White Nylon Single Barbed Wye Connector
Y-S-4-BN	1/4 inch Black Nylon Single Barbed Wye Connector
Y-S-4-NPP	1/4 inch Natural Polypropylene Single Barbed Wye Connector
Y-S-4B-PC	1/4 inch Polycarbonate Single Barbed Wye Connector
Y-S-4B-PVDF	1/4 inch PVDF Single Barbed Wye Connector



## CR-S SERIES

The CR-S Series are standard equal and reducing single barbed straight connectors with no parting line on the barb. These are ideal for medical and laboratory environments. The barbs will expand tubing up to 50% above its normal size. Both equal and reducing connectors are produced of White and Black Nylon, Natural Polypropylene, PVDF, and Polycarbonate. Equal connectors also have the options of Red and Blue Nylon. Orifices are also available. Equal barb sizes: 1/8 inch. Reducing barb sizes: 1/8 inch by 1/16 inch, 1/8 inch by 3/32 inch, 3/32 inch by 1/16 inch, and 5/32 inch by 3/32 inch.

SKU	Description
CR-S-2B2B-WN	1/8 inch White Nylon Single Barbed Straight Connector
CR-S-2B2B-BN	1/8 inch Black Nylon Single Barbed Straight Connector
CR-S-2B2B-NPP	1/8 inch Natural Polypropylene Single Barbed Straight Connector
CR-S-2B2B-PVDF	1/8 inch PVDF Single Barbed Straight Connector
CR-S-2B2B-PC	1/8 inch Polycarbonate Single Barbed Straight Connector
CR-S-2B2B-BL	1/8 inch Blue Nylon Single Barbed Straight Connector
CR-S-2B2B-RD	1/8 inch Red Nylon Single Barbed Straight Connector
CR-S-2B1B-BN	1/8 inch by 1/16 inch Black Nylon Single Barbed Reducing Connector
CR-S-2B1B-NPP	1/8 inch by 1/16 inch Natural Polypropylene Single Barbed Reducing Connector
CR-S-2B1B-PC	1/8 inch by 1/16 inch Polycarbonate Single Barbed Reducing Connector
CR-S-2B1B-PVDF	1/8 inch by 1/16 inch PVDF Single Barbed Reducing Connector
CR-S-2B1B-WN	1/8 inch by 1/16 inch White Nylon Single Barbed Reducing Connector
CR-S-2B1B-BN	1/8 inch by 1/16 inch Black Nylon Single Barbed Reducing Connector
CR-S-2B332B-BN	1/8 inch by 3/32 inch Black Nylon Single Barbed Reducing Connector
CR-S-2B332B-NPP	1/8 inch by 3/32 inch Natural Polypropylene Single Barbed Reducing Connector
CR-S-2B332B-PC	1/8 inch by 3/32 inch Polycarbonate Single Barbed Reducing Connector
CR-S-2B332B-PVDF	1/8 inch by 3/32 inch PVDF Single Barbed Reducing Connector



SKU	Description
CR-S-2B332B-WN	1/8 inch by 3/32 inch White Nylon Single Barbed Reducing Connector
CR-S-2B332B-YEL	1/8 inch by 3/32 inch Yellow Nylon Single Barbed Reducing Connector
CR-S-332B1B-BN	3/32 inch by 1/16 inch Black Nylon Single Barbed Reducing Connector
CR-S-332B1B-NPP	3/32 inch by 1/16 inch Natural Polypropylene Single Barbed Reducing Connector
CR-S-332B1B-PC	3/32 inch by 1/16 inch Polycarbonate Single Barbed Reducing Connector
CR-S-332B1B-PVDF	3/32 inch by 1/16 inch PVDF Single Barbed Reducing Connector
CR-S-332B1B-WN	3/32 inch by 1/16 inch White Nylon Single Barbed Reducing Connector
CR-S-532B332B-BN	5/32 inch by 3/32 inch Black Nylon Single Barbed Reducing Connector
CR-S-532B332B-NPP	5/32 inch by 3/32 inch Natural Polypropylene Single Barbed Reducing Connector
CR-S-532B332B-PC	5/32 inch by 3/32 inch Polycarbonate Single Barbed Reducing Connector
CR-S-532B332B-PVDF	5/32 inch by 3/32 inch PVDF Single Barbed Reducing Connector
CR-S-532B332B-WN	5/32 inch by 3/32 inch White Nylon Single Barbed Reducing Connector



## C-W SERIES

The C-W Series is a single barbed precision connector. These connectors are made of Natural Nylon, Natural Polypropylene and Polycarbonate. The available equal barb sizes are 3/32 inch, 1/16 inch, and 1/8 inch.

SKU	Description
C-W-1B	1/16 Barb Precision Connector
C-W-2B	1/8 Barb Precision Connector
C-W-332	3/32 Barb Precision Connector

## C-SO SERIES



The C-SO Series are original single barbed straight and reducing connectors. These connectors have no parting line on the barb and have a square center hub. Also, tubing can be started on the barb of this connector before any expansion begins. It will expand the tubing by 43% when it is completely inserted. Available materials are Black and White Nylon, Natural Polypropylene, Clear Polycarbonate, and Natural PVDF. Available barb sizes are 1/16 inch, 3/32 inch, and 1/8 inch.

SKU	Description
C-SO-2B1B	1/8 to 1/16 Square Hub Reducer
C-SO-2B332B	1/8 by 3/32 Square Hub Reducer
C-SO-332B1B	3/32 to 1/16 Square Hub Reducer
C-SO-1B	1/16 Square Hub Connector
C-SO-2B	1/8 Square Hub Connector
C-SO-332B	3/32 Square Hub Connector

## EV SERIES



The EV Series are single barbed tube-to-tube elbows. These elbows are available in White and Black Nylon, Natural Polypropylene, Clear Polycarbonate, and PVDF. These elbows are available in equal or reduced sizes. Barb sizes are 1/16 inch, 1/8 inch, and 3/32 inch.

SKU	Description
EV-1B	1/16 Barb Elbow
EV-1B-400	1/16 Barb Elbow Low Profile
EV-2B	1/8 Barb Elbow
EV-332B	3/32 Barb Elbow
EV-2B1B	1/8 by 1/16 Barb Reducing Elbow
EV-2B332B	1/8 by 3/32 Barb Reducing Elbow
EV-332B1B	3/32 by 1/16 Barb Reducing Elbow

## C-U SERIES- BARB FITTING



The C-U series is the ultimate high-flow single barb fitting for soft plastic tubing. The barb will expand the tubing up to 40%. This series is available as an equal or reducing fitting. Sizes ranging from 1/16 inch to 1 inch are available. Optional materials include Natural Nylon, Black Nylon, White Nylon, Polycarbonate, Polypropylene, and PVDF.

SKU	Description
C-U-2B	1/8 Barb Connector
C-U-3B	3/16 Barb Connector
C-U-4B	1/4 Barb Connector
C-U-532B	5/32 Barb Connector
C-U-5B	5/16 Barb Connector
C-U-6B	3/8 Barb Connector
C-U-8B	1/2 Barb Connector
C-U-10B	5/8 Barb Connector
C-U-12B	3/4 Barb Connector
C-U-16B	1 inch Barb Connector
C-U-2B1B	1/8 Barb by 1/16 Barb Reducer
C-U-2B332B	1/8 Barb by 3/32 Barb Reducer
C-U-3B2B	3/16 Barb by 1/8 Barb Reducer
C-U-3B332B	3/16 Barb by 3/32 Barb Reducer
C-U-3B532B	3/16 Barb by 5/32 Barb Reducer
C-U-4B2B	1/4 Barb by 1/8 Barb Reducer
C-U-4B3B	1/4 Barb by 3/16 Barb Reducer
C-U-4B532B	1/4 Barb by 5/32 Barb Reducer
C-U-532B1B	5/32 Barb by 1/16 Barb Reducer
C-U-5B3B	5/16 Barb by 3/16 Barb Reducer
C-U-5B4B	5/16 Barb by 1/4 Barb Reducer
C-U-5B532B	5/16 Barb by 5/32 Barb Reducer
C-U-6B2B	3/8 Barb by 1/8 Barb Reducer
C-U-6B4B	3/8 Barb by 1/4 Barb Reducer
C-U-8B4B	1/2 Barb by 1/4 Barb Reducer
C-U-8B6B	1/2 Barb by 3/8 Barb Reducer
C-U-10B4B	5/8 Barb by 1/4 Barb Reducer
C-U-12B8B	3/4 Barb by 1/2 Barb Reducer
C-U-16B12B	1 inch Barb by 3/4 inch Barb Reducer



## IFA SERIES

The IFA Series Gray Polycarbonate Filters have a 304 Stainless Steel screen. 5, 40, or 80 microns standard. Optional 100 microns.

SKU	Description
IFA-1B-40	1/16 inch Barb Gray Filter 40 Micron Polycarbonate
IFA-1B-5	1/16 inch Barb Gray Filter 5 Micron Polycarbonate
IFA-1B-80	1/16 inch Barb 304 Stainless Steel Filter 80 Micron
IFA-2B-40	1/8 inch Barb Gray Filter 40 Micron Polycarbonate
IFA-2B-5	1/8 inch Barb 304 Stainless Steel Filter 5 Micron

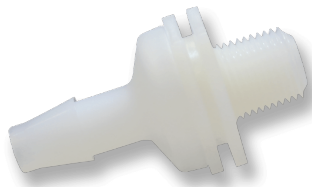


## BBCV SERIES

The BBCV Series Check Valve has a Male Slip Luer with 30 psi back pressure and 1/4 psi inlet cracking pressure. This series comes in ABS or Polycarbonate housing, both with Silicone Discs.

SKU	Description
BBCV-MLFL-ABS	Male Luer by Female Luer ABS Check Valve .25 psi Crack
BBCV-MLFL-01-ABS	Male Luer by Female Luer ABS Check Valve .01 psi Crack
BBCV-MLML-ABS	Male Luer by Male Luer ABS Check Valve .25 psi Crack

## CMKV SERIES



The CMKV Series Plastic Check Valves are 1/8 inch Male NPT by Barb sizes of 1/8 inch, 3/16 inch, 1/4 inch, and 3/8 inch. The flow is from thread to barb. Material / Disc combinations are available in PVDF with FKM, Polypropylene with FKM, Polycarbonate with Neoprene, Polycarbonate with Silicone, Nylon with Silicone, and Nylon with Neoprene.

SKU	Description
CMKV-18B	1/8 MNPT by 1/8 Barb PVDF/FKM Check Valve
CMKV-14B-NS	1/8 MNPT by 1/4 Barb Nylon/Silicone Check Valve
CMKV-316B	1/8 MNPT by 3/16 Barb PVDF/FKM Check Valve

## CDV SERIES



This is a non-barbed **Acrylic or Polycarbonate Check Valve** with a Silicone duck bill. This is a normally open, one-way check valve. It prevents backflow leakage with minimal pressure. The ends of the ports measure .134 to accommodate 1/8" ID tubing. These fittings are also available with male and female Luer Locks.

SKU	Description
CDV-125	1/8 inch ID Acrylic Luer Duckbill Check Valve
CDV-125MLL	1/8 inch ID to Male Luer Lock Acrylic Duckbill Check Valve
CDV-125-PC	1/8 inch ID Polycarbonate Duckbill Check Valve
CDV-18	1/8 inch ID Tubing Acrylic Duckbill Check Valve
CDV-FL-125	1/8 inch ID to Female Luer Lock Acrylic Duckbill Check Valve
CDV-FLL125	Female Luer Lock by .125
CDV-FLLML	Female Luer Lock to Male Slip Luer Acrylic Duckbill Check Valve
CDV-FLLMLL	Female Luer Lock to Male Luer Lock Acrylic Duckbill Check Valve
CDV-ML	1/8 inch ID Male Luer Acrylic Duckbill Check Valve

## QCD SERIES - LUER DUCKBILL CHECK VALVES



The QCD Series Luer Check Valves are made of Polycarbonate and have a Silicone duck bill. The low cracking pressure is 0.433 psi, which determines when the component starts to open. The OD sizes are 5/64 inch, 7/64 inch, and 9/64 inch. Also available with female and male Luer Locks.

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SKU	Description
QCD-564	5/64 inch OD Tubing Polycarbonate Luer Check Valve
QCD-764	7/64 inch OD Tubing Polycarbonate Luer Check Valve
QCD-964	9/64 inch OD Tubing Polycarbonate Luer Check Valve
QCD-FM	Female by Male Luer Lock Polycarbonate Check Valve

## ASD SERIES



These ASD Series single barbed enlarging duckbill Check Valves are available in several materials such as Nylon (N), Polypropylene (PP), or Polycarbonate (PC) housing. These Check Valves have a Silicone diaphragm. The available barb sizes are 1/8 inch by 3/16 inch and 3/16 inch by 1/8 inch.

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SKU	Description
ASD-2B	1/8 Barb
ASD-2B3B	1/8 Barb by 3/16 Barb
ASD-3B	3/16 Barb
ASD-3B2B	3/16 Barb by 1/8 Barb

## MSV SERIES | SPRING-LOADED CHECK VALVES

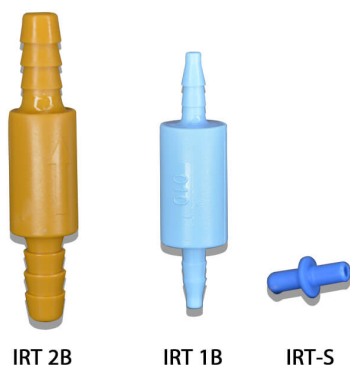


Pneuline Supply, Inc. manufactures the MSV Series inline spring-loaded check valves in a class 8 clean room environment specifically for use in medical applications. Custom molding allows for customer-specific requirements which include resin options, connector variations, and O-ring selections. Available resin options include Polycarbonate, Radiation-stable Polycarbonate, and Kynar® 720 (PVDF). Other custom resins are available upon request. Barbed connectors are available in 1/8-inch, 3/16-inch, and 1/4-inch standard flow or 1/4-inch-high flow, 5/16-inch, and 3/8-inch. Springs are made of 316 Stainless Steel or Hastelloy® in .022 psi, .25 psi, .50 psi, 1 psi, 5 psi, or 10 psi. Passivated springs are available. O-ring options are Silicone USP class VI, Fluorosilicone, EPDM, Viton®, or Kalrez®. To make this product truly unique, we offer custom laser marking for identification purposes such as part number sequencing, lot numbers, or company name.

*\*Poppet and Piston are optional.*

**[Download the MSV Series Flyer](#)**

SKU	Description
MSV-2B-AC-6	1/8 Valve Acetal EPDM 6 PSI
MSV-2B-AC-E-.25	1/8 Valve Acetal EPDM .22
MSV-2B-AC-E-1	1/8 Valve Acetal EPDM 1 PSI
MSV-2B-AC-E-5	1/8 Valve Acetal EPDM 5 PSI
MSV-3BAC-.75V-41	3/16 Acetal .75 Viton with 41 micron
MSV-3B-AC-B-1	3/16 Valve Acetal Buna 1
MSV-3B-AC-E-1	3/16 Valve Acetal EPDM 1
MSV-3B-K720-1SS-V	3/16 Kynar 720 Valve Viton 1 PSI 316 SS
MSV-3B-K720-E-.5H	3/16 Kynar 720 Valve EPDM .5 Hastelloy®
MSV-3B-PC-E-.5	3/16 Barb PC EPDM 1/2 PSI
MSV-3B-PC-E-.75	3/16 Barb PC Valve EPDM .75
MSV-3B-PC-E-1	3/16 Barb PC EPDM 1PSI
MSV-3B-Rx2530-6WC-S	3/16 Barb RSPC Valve 6WC Silicone
MSV-4B-PC-S-.22PI	1/4 Valve Polycarb Silicone .22
MSV-4B-PC-S-.5	1/4 Valve Polycarb Silicone .5
MSV-5B-Rx2530-6WC-S	5/16 Barb RSPC Spring Valve 6WC Silicone
MSV-6B-AC-.22 E	3/8 Valve Acetal .22 EPDM
MSV-6B-AC-E-1	3/8 Valve Acetal EPDM 1 PSI
MSV-6B-K720-E-1	3/8 Valve Kynar EPDM 1 PSI
MSV-6B-Rx2530-6WC-S	5/16 Barb RSPC Spring Valve 6WC Silicone



## IRT SERIES

Our series of IRT and IRT-S orifices are made of FDA Polycarbonate resin. 2 barb sizes and 1 non barbed sizes are available; 1/16 (5/64 inch) straight shaft; IRT-S, a 1/16 barbed and a 1/8 barbed orifice IRT 1B and 2B. The operating pressure is 100 psi with a repeatable flow of 3% plus or minus. 1/16 and 1/8 barbs have a stainless pre-filter to protect the orifice. Available in seventeen different color-coded orifice sizes as follows: .003 is Gold, .004 is Purple, .005 is White, .007 is Yellow, .008 is Light Green, .009 is Lavender, .010 is Light Blue, .012 is Dark Green, .014 is Orange, .016 is Gray, .017 is Brown, .019 is Red, .020 is Dark Blue, .025 is Black, .030 is Beige, .035 is Dark Gray, and .040 is Teal. Used to slow down air flow in applications in medical devices.

SKU	Description
IRT-S-003	1/16 inch .003 Gold Polycarbonate - No Filter Orifice
IRT-S-004	1/16 inch .004 Purple Polycarbonate - No Filter Orifice
IRT-S-005	1/16 inch .005 White Polycarbonate - No Filter Orifice
IRT-S-007	1/16 inch .007 Yellow Polycarbonate - No Filter Orifice
IRT-S-008	1/16 inch .008 Light Green Polycarbonate - No Filter Orifice
IRT-S-009	1/16 inch .009 Lavender Polycarbonate - No Filter Orifice
IRT-S-010	1/16 inch .010 Light Blue Polycarbonate - No Filter Orifice
IRT-S-012	1/16 inch .012 Dark Green Polycarbonate - No Filter Orifice
IRT-S-014	1/16 inch .014 Orange Polycarbonate - No Filter Orifice
IRT-S-016	1/16 inch .016 Gray Polycarbonate - No Filter Orifice
IRT-S-017	1/16 inch .017 Brown Polycarbonate - No Filter Orifice
IRT-S-019	1/16 inch .019 Red Polycarbonate - No Filter Orifice
IRT-S-020	1/16 inch .020 Dark Blue Polycarbonate - No Filter Orifice
IRT-S-025	1/16 inch .025 Black Polycarbonate - No Filter Orifice
IRT-S-030	1/16 inch .030 Beige Polycarbonate - No Filter Orifice
IRT-S-035	1/16 inch .035 Dark Gray Polycarbonate - No Filter Orifice
IRT-S-040	1/16 inch .040 Teal Polycarbonate - No Filter Orifice
IRT-1B-003	1/16 Barb .003 Polycarbonate 5 Micron Filter Gold Orifice
IRT-1B-004	1/16 Barb .004 Polycarbonate 5 Micron Filter Purple Orifice
IRT-1B-004-NF	1/16 Barb .004 Polycarbonate No Filter Purple Orifice
IRT-1B-005	1/16 Barb .005 Polycarbonate 5 Micron Filter White Orifice
IRT-1B-007	1/16 Barb .007 Polycarbonate 5 Micron Filter Yellow Orifice
IRT-1B-008	1/16 Barb .008 Polycarbonate 5 Micron Filter Lt Green Orifice
IRT-1B-009	1/16 Barb .009 Polycarbonate 5 Micron Filter Lavender Orifice
IRT-1B-010	1/16 Barb .010 Polycarbonate 100 Micron Filter Lt Blue Orifice
IRT-1B-012	1/16 Barb .012 Polycarbonate 100 Micron Filter Green Orifice
IRT-1B-014	1/16 Barb .014 Polycarbonate 100 Micron Filter Orange Orifice



<b>SKU</b>	<b>Description</b>
IRT-1B-016	1/16 Barb .016 Polycarbonate 100 Micron Filter Gray Orifice
IRT-1B-017	1/16 Barb .017 Polycarbonate 100 Micron Filter Brown Orifice
IRT-1B-019	1/16 Barb .019 Polycarbonate 100 Micron Filter Red Orifice
IRT-1B-020	1/16 Barb .020 Polycarbonate 100 Micron Filter Dk Blue Orifice
IRT-1B-025	1/16 Barb .025 Polycarbonate 100 Micron Filter Black Orifice
IRT-1B-030	1/16 Barb .030 Polycarbonate 100 Micron Filter Beige Orifice
IRT-1B-035	1/16 Barb .035 Polycarbonate 100 Micron Filter Dk Gray Orifice
IRT-1B-040	1/16 Barb .040 Polycarbonate 100 Micron Filter Teal Orifice
IRT-2B-003	1/8 Barb .003 Polycarbonate 5 Micron Filter Gold Orifice
IRT-2B-004	1/8 Barb .004 Polycarbonate 5 Micron Filter Purple Orifice
IRT-2B-005	1/8 Barb .005 Polycarbonate 5 Micron Filter White Orifice
IRT-2B-007	1/8 Barb .007 Polycarbonate 5 Micron Filter Yellow Orifice
IRT-2B-008	1/8 Barb .008 Polycarbonate 5 Micron Filter Lt Green Orifice
IRT-2B-009	1/8 Barb .009 Polycarbonate 5 Micron Filter Lavender Orifice
IRT-2B-010	1/8 Barb .010 Polycarbonate 100 Micron Filter Lt Blue Orifice
IRT-2B-012	1/8 Barb .012 Polycarbonate 100 Micron Filter Green Orifice
IRT-2B-014	1/8 Barb .014 Polycarbonate 100 Micron Filter Orange Orifice
IRT-2B-016	1/8 Barb .016 Polycarbonate 100 Micron Filter Gray Orifice
IRT-2B-017	1/8 Barb .017 Polycarbonate 100 Micron Filter Brown Orifice
IRT-2B-019	1/8 Barb .019 Polycarbonate 100 Micron Filter Red Orifice
IRT-2B-020	1/8 Barb .020 Polycarbonate 100 Micron Filter Dk Blue Orifice
IRT-2B-025	1/8 Barb .025 Polycarbonate 100 Micron Filter Black Orifice
IRT-2B-030	1/8 Barb .030 Polycarbonate 100 Micron Filter Beige Orifice
IRT-2B-035	1/8 Barb .035 Polycarbonate 100 Micron Filter Dk Gray Orifice
IRT-2B-040	1/8 Barb .040 Polycarbonate 100 Micron Filter Teal Orifice