

POLYCARBONATE

Y-S SERIES



The 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, 1/18 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

SKU	Description
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

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.

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

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. Resin options that are available 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

SKU	Description
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

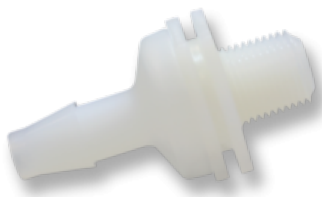


IFA SERIES

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

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 NON-BARBED CHECK VALVE
(POLYCARBONATE AND ACRYLIC AVAILABLE)



This is a non-barbed Acrylic or Polycarbonate Check Valve that has a Silicone duck bill. This is a normally open, one-way check valve. It prevents back flow 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



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-U ULTIMATE HIGH FLOW SINGLE BARB FITTING

The C-U series is an 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	

SKU	Description
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

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

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.

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	

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