

MPC/MPX SANITARY SERIES CONNECTORS

MPC/MPX Sanitary Connectors attach directly to 3/4", 1" and 1-1/2" sanitary terminations to provide greater flexibility for integrating components into single-use or hybrid (single-use to stainless) process systems. Standard bag systems with quick couplings can be easily connected to equipment with sanitary terminations, while single-use cartridge filters can be converted to incorporate quick couplings for greater system modularity.



SPECIFICATIONS

OPERATING PRESSURE:

Vacuum to 60 psi, 4.1 bar

OPERATING TEMPERATURE:

-40°F to 300°F (-40°C to 149°C)

STERILIZATION:

- Gamma:** Up to 50 kGy irradiation
- Autoclave:** Up to 270°F (132°C) for 60 minutes, up to 25 repetitions. Sterilize uncoupled only.

TERMINATIONS:

3/4", 1" and 1-1/2" sanitary

MATERIALS:

Main components:

Polysulfone (amber tint)

Thumb Latches:

PVDF (white)

O-rings: Silicone (clear), platinum-cured

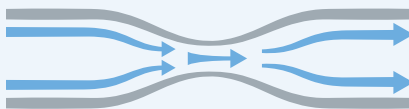
WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.

FEATURES

- 3/4", 1" and 1-1/2" sanitary terminations → Install to equipment with sanitary gaskets and sanitary clamps
- Compatible with MPC and MPX Series couplings → Quick and easy connections to industry standard plastic couplings
- Integral coupling adapters → Provides flexibility to easily convert sanitary terminations on filter cartridge or equipment
- ADCF-free materials → Meet BSE/TSE requirements

TYPICAL FLOW RATE:

Cv Value Range: 3 - 17



Cv values represent the approximate expected flow rate in gallons per minute of water at room temperature for a 1 PSI pressure drop. The flow is generally constrained by the smallest diameter, which in some cases will be the termination diameter and not the Nominal Flow Path.

BENEFITS

NOTE

Validation and Extractables data can be requested on at cpcworldwide.com/Sanitary

DID YOU KNOW

MPC and MPX Sanitary connectors provide greater flexibility for filter installation.

Scan code to visit webpage



cpcworldwide.com/Sanitary



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MPC/MPX SANITARY SERIES DIMENSIONS

COUPLING BODIES - Polysulfone



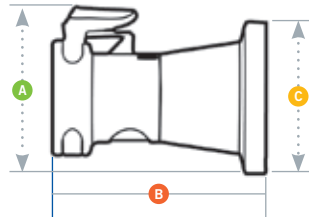
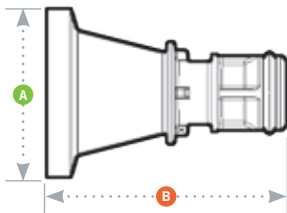
PART NO.	SIZE	A	B	C
MPC3301239	3/4"	0.98" (24.9)	1.40" (35.6)	1.0" (25.4)
MPX3301239	3/4"	1.28" (32.5)	1.70" (43.2)	1.0" (25.4)
MPC3301639	1"	1.50" (38.1)	1.40" (35.6)	1.50" (38.1)

COUPLING INSERTS - Polysulfone



PART NO.	SIZE	A	B
MPC44012T39M	3/4"	0.98" (24.9)	1.40" (35.6)
MPC44024T39M	1-1/2"	1.98" (50.3)	1.40" (35.6)
MPX44012T39M	3/4"	0.98" (24.9)	1.71" (43.4)
MPX44024T39M	1-1/2"	1.98" (50.3)	1.71" (43.4)

PRODUCT DIMENSIONS



- A = Height/Diameter
- B = Total Length
- C = Sanitary Flange Diameter

NOTES

WARRANTY: All sales are subject to Colder Products Company's limited express warranty set forth in the CPC catalog. Contact your local distributor or CPC Customer Service for warranty provisions.

Warning: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of CPC. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.

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