



MPC/MPX ADDITIONS

MPC/MPX Specifications

**Pressure:** Vacuum to 60 psi, 4.14 bar

**Temperature:**

**Polycarbonate:**  
-40°F to 250°F (-40°C to 121°C)

**Polysulfone:**  
-40°F to 300°F (-40°C to 149°C)

**Sterilization:**

**Gamma:** Up to 50 kGy irradiation

**Autoclave:**

**Polycarbonate:** Up to 250°F (121°C) for 30 minutes, up to 10 repetitions. Sterilize uncoupled only.

**Polysulfone:** Up to 270°F (132°C) for 60 minutes, up to 25 repetitions. Sterilize uncoupled only.

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

The new MPC/MPX product line additions

provide a wider range of connection solutions for the single-use market. 1/8" hose barb for the MPC line provide connections for smaller flow applications such as sampling and manifold systems. MPC and MPX inserts with sanitary terminations can provide flexibility to components that feature sanitary connections, such as filter housings or processing equipment. Back-to-back adapters provide operators the ability to easily merge two single-use bag systems that each incorporate male connectors.

MPC 1/8" Hose Barb Coupling Bodies

PART NO.	DESCRIPTION	MATERIAL
MPC17002T03	1/8" HB MPC Body	Polycarbonate
MPC17002T39	1/8" HB MPC Body	Polysulfone
MPCK17002T03	1/8" HB MPC Body with Lock	Polycarbonate
MPCK17002T39	1/8" HB MPC Body with Lock	Polysulfone



MPC 1/8" Hose Barb Coupling Inserts

PART NO.	DESCRIPTION	MATERIAL	O-RING
MPC22002T03M	1/8" HB MPC Insert	Polycarbonate	Silicone
MPC22002T39M	1/8" HB MPC Insert	Polysulfone	Silicone



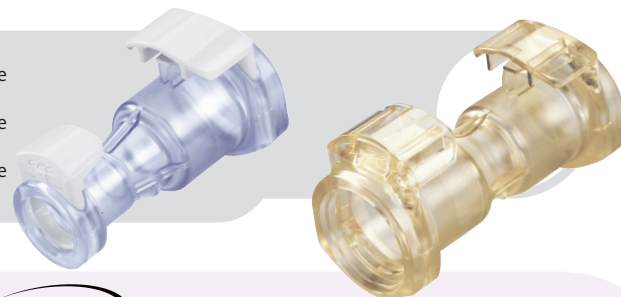
MPC/MPX Sanitary Inserts



PART NO.	DESCRIPTION	MATERIAL	O-RING
MPC44012T39M	3/4" Sanitary MPC Insert	Polysulfone	Silicone
MPC44024T39M	1-1/2" Sanitary MPC Insert	Polysulfone	Silicone
MPX44012T39M	3/4" Sanitary MPX Insert	Polysulfone	Silicone
MPX44024T39M	1-1/2" Sanitary MPX Insert	Polysulfone	Silicone

Back-to-Back MPC/MPX Body Adapters

PART NO.	DESCRIPTION	MATERIAL
MPC17C1703	MPC Body x MPC Body Adapter	Polycarbonate
MPC17C1739	MPC Body x MPC Body Adapter	Polysulfone
MPX17X1703	MPX Body x MPX Body Adapter	Polycarbonate
MPX17X1739	MPX Body x MPX Body Adapter	Polysulfone
MPC17X1703	MPC Body x MPX Body Reducer	Polycarbonate
MPC17X1739	MPC Body x MPX Body Reducer	Polysulfone



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