

MPC 1/8"



The MPC quick connect product line expansion provides hose barbs suitable for smaller flexible tubing with 1/8" (3.2mm) ID tubing. The polycarbonate or polysulfone version can be used in a wide range of applications that require small flow connections including sampling, tube weld applications, or luer replacement.

**Features**

- Ergonomic thumb latch
- Parting line-free hose barb
- BSE/TSE free materials
- USP Class VI materials
- Sterilizable by autoclave, EtO, e-beam, or gamma

**Benefits**

- Easy to operate even with gloved hands
- Eliminates potential leak path
- Meet ADCF requirements
- Meet biocompatibility requirements
- Reusable, yet economical enough to allow disposability

Note: For validation quantities of MPC, contact Colder for 25 piece bag quantities

**MPC 1/8" Specifications**

**Pressure:** Vacuum to 60 psi, 4.1 bar

**Temperature:**

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

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

**Materials:**

**Main Components:**  
Polycarbonate (purple tint), USP Class VI, ADCF  
Polysulfone (amber tint), USP Class VI, ADCF

**Locking Sleeves:**  
Polysulfone (white), USP Class VI, ADCF

**Thumb Latches:**  
Polycarbonate (white), Polysulfone (amber tint), USP Class VI, ADCF

**O-rings:**  
Silicone (clear), platinum-cured, USP Class VI, ADCF

**Sterilization:**

**Gamma:** Up to 50 kGy irradiation

**Autoclave:**  
**Polycarbonate:** Up to 250°F (121°C), 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.

TERMINATION	PART NO.	DESCRIPTION	TUBING	METRIC EQ.	FLOW
IN-LINE HOSE BARB	MPC17002T03 MPCK17002T03	MPC Body MPC Body with Lock	1/8" ID 1/8" ID	3.2mm ID 3.2mm ID	.094" .094"
IN-LINE HOSE BARB	MPC22002T03M	MPC Insert	1/8" ID	3.2mm ID	.094"

**POLYSULFONE**

TERMINATION	PART NO.	DESCRIPTION	TUBING	METRIC EQ.	FLOW
IN-LINE HOSE BARB	MPC17002T39 MPCK17002T39	MPC Body MPC Body with Lock	1/8" ID 1/8" ID	3.2mm ID 3.2mm ID	.094" .094"
IN-LINE HOSE BARB	MPC22002T39M	MPC Insert	1/8" ID	3.2mm ID	.094"



**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.