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MPU SERIES



Specifications

Pressure: Vacuum to 35 psi, 2.41 bar

Temperature:
-40° F to 300° F (-40° C to 149° C)

Materials:
Main components: Polysulfone (amber tint), USP Class VI
O-rings: Silicone (clear), platinum-cured, USP Class VI

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

Tubing Sizes: 3/4" ID, 19mm ID

The MPU's twist-to-connect

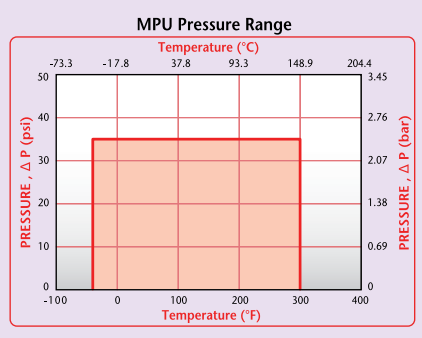
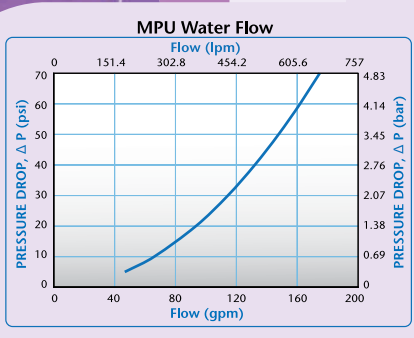
design features an easy-to-use locking mechanism that guards against accidental disconnects and provides a reliable, secure connection. A 3/4" hose barb provides smooth, rapid media transfer.

Features

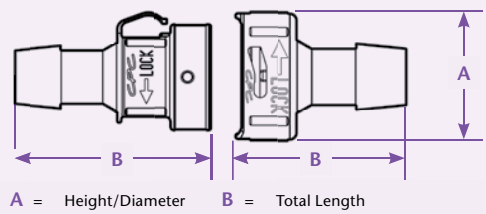
- 3/4" hose barb
- Locking feature
- Sharp barb end
- Shrouded, leak-free seal & smooth, internal flow path
- Lightweight

Benefits

- Facilitates rapid fill and empty of bioprocessing bags
- Guards against accidental disconnect
- Minimizes fluid turbulence and dead space
- Protect valuable fluids and eliminate potential to contaminate fluid path
- Removes extra weight from assemblies



Product Dimensions



Coupling Bodies



POLYSULFONE

TERMINATION	TUBING	METRIC EQ.	FLOW	STRAIGHT THRU	A	B
IN-LINE HOSE BARB	3/4" ID	19mm ID	.710"	MPU171239	1.75 (44.5)	2.37 (60.2)



Coupling Inserts

TERMINATION	TUBING	METRIC EQ.	FLOW	STRAIGHT THRU	O-RING	A	B
IN-LINE HOSE BARB	3/4" ID	19mm ID	.710"	MPU221239M	Silicone Seal USP Class VI	1.56 (39.6)	2.88 (73.2)

Accessories



SEALING CAP	MATERIAL	A	B	
MPU32039	Polysulfone	1.75 (44.5)	.79 (20.1)	
SEALING PLUG	O-RING	MATERIAL	A	B
MPU30039M	Silicone Seal USP Class VI	Polysulfone	1.56 (39.6)	1.38 (35.1)

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. Couplings are pictured with valves unless otherwise noted.

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