



Applied Critical Fluids GmbH

Industriestrasse 53

68169 Mannheim

Tel.: +49 (0) 621 309 809 30

Fax.: +49 (0) 621 309 809 399

email: info@acftec.de

SANITARY SERIES



Specifications

Pressure:
Vacuum to 60 psi, 4.14 bar

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

Materials:
Main components:
Polysulfone (amber tint)

O-rings (mating insert): Silicone (clear), platinum-cured, USP Class VI

Sterilization:
Gamma: Up to 50 kGy irradiation

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

Termination Size:
3/4" and 1"

Sanitary couplings attach directly to popular 3/4" mini and 1" maxi size sanitary connections, eliminating the need for cumbersome adapters or tubing assemblies. Direct attachment allows faster connection to and disconnection from installed, rigid and flexible piping systems.

Notes: Mates with MPC polycarbonate and polysulfone inserts and sealing plugs (pages 4-5) and MPX polycarbonate and polysulfone bodies and sealing caps (pages 6-7).

Features

Ergonomic thumb latch

3/4" and 1" sanitary terminations

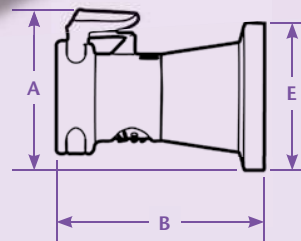
Compatible with MPC and MPX Series couplings

Benefits

Easy to operate – even with gloved hands

Install with standard gaskets and clamps

Easy conversion to industry standard connections or single-use systems



A = Height/Diameter
B = Total Length
E = Outside Diameter

Coupling Bodies POLYSULFONE



PART NO.	SIZE	A	B	E
MPC3301239	3/4"	.98 (24.9)	1.40 (35.6)	1.0 (25.4mm)
MPC3301639	1"	1.50 (38.1)	1.40 (35.6)	1.5 (38.1mm)
MPX3301239	3/4"	1.28 (32.5)	1.70 (43.2)	1.0 (25.4mm)

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. **NOTE:** QD sanitary couplings are compatible with both stainless steel and plastic clamps. Clamps and gaskets are referenced for illustration and are not available through Colder.



Call toll free 1-800-444-2474 or visit us at www.colder.com

Copyright © 2008 by Colder Products Company. All rights reserved. Colder Products Company, Colder Products and CPC are registered trademarks with the US Patent & Trademark Office.