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.

Features | Benefits
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Ergonomic thumb latch | Easy to operate – even with gloved hands
3/4" and 1" sanitary terminations | Install with standard gaskets and clamps
Compatible with MPC and MPX Series couplings | Easy conversion to industry standard connections or single-use systems

Coupling Bodies
POLYSULFONE

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPC3301239</td>
<td>3/4&quot;</td>
<td>.98 (24.9)</td>
<td>1.40 (35.6)</td>
<td>1.0 (25.4mm)</td>
</tr>
<tr>
<td>MPC3301639</td>
<td>1&quot;</td>
<td>1.50 (38.1)</td>
<td>1.40 (35.6)</td>
<td>1.5 (38.1mm)</td>
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<tr>
<td>MPC3301239</td>
<td>3/4&quot;</td>
<td>1.28 (32.3)</td>
<td>1.70 (43.2)</td>
<td>1.0 (25.4mm)</td>
</tr>
</tbody>
</table>

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.

Sanitary couplings are compatible with MPC poly carbonate and polysulfone inserts and sealing plugs (pages 4-5) and MPX poly carbonate and polysulfone bodies and sealing caps (pages 6-7).