Applied Critical Fluids GmbH

DB5_04

MPC Series Couplings
For medical device, biotech and pharmaceutical applications

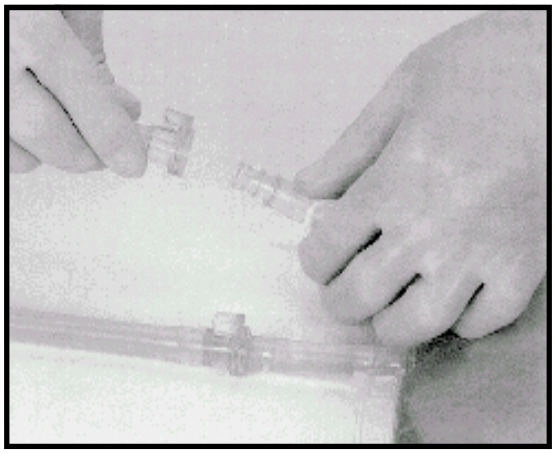
Economical media connections

Polycarbonat and polysulfon MPC couplings replace expensive glass and stainless steel fittings. The bio-compatible materials meet USP Class requirements and pass all physicochemical, cytotoxicity, leachables and extracebles testing. Using disposable MPC series quick disconnect couplings eliminates recertification and resterilisation. Laboratory procedures are simply-fied with fewer steps. GMP/GLP and FDA compliance is easier to maintain. It all adds up to cost savings.

STEDIM`s Flexboy® media bay pigtail connections use MPC series couplings

Sterilize MPC couplings your way

Polysulfon is autoclavable to 25 cycles. Or use EtO, gamma radiation or E-beam methods.
Easy to use push-button latch reduces handling of tubing and fittings that may contaminate the fluid path. The silicone O-ring seal always makes a reliable, leak free connection.



Bioprocessing applications

- Cell culture and reagend packaging
- Sterile fluid
- Bio-reactor lines
- Transfer lines
- Series connections
- Delivery and recovery lines
- Laboratory tubing connections

⇒ **New! Now single packed, sterile!**

	Sterilisation methods*				
	Autoclave Parts uncoupled	EtO	Gamma Radiation	E-Beam	* Colder Products Company did not conduct any sterilisation test above 5.0 megarads. Polycarbonate and Polysulfone manufacturer`s material specifications may differ from actual MPC test results. EtO cycle parameters available upon request. Working pressures and other technical information have been prepared from actual test results and other data considered to be reliable.
Polycarbonat (PC)	At 250 °F for 30 min.	-	-	-	
	Yes, up to 10 cycles	Yes, up to 5 cycles	Yes*, up to 5.0 megarads	Yes*, up to 5 megarads	
	Polycarbonate is rated for 250 °F	-	Coupling color shift to clear at 2.5 megarads	Coupling color shift to faded purple tint	
Polysulfon (PS)	at 270 °F for 30 Min.	-	-	-	
	Yes, up to 25 cycles	Yes, up to 5 cycles	Yes*, up to 5.0 megarads	Yes*, up to 5.0 megarads	

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