

SeriesLock™ Quick Disconnect Fittings

A unique aseptic Spring-Free Flow Path® quick-connect fitting allows a larger volume of fluid to pass through it at lower line pressures. This optimized flow reduces restriction, turbidity, foaming and bubbles. Recessed mating features protect contact surfaces and prolong the life of the O-rings helping to ensure a better seal for longer. The audible click upon connection and the safety slide release are both features to help minimize accidental disconnects.

Four body sizes in Micro, Small, Medium, and Large are available to accommodate a variety of connection sizes for Barb, and NPT thread adapters. Additional sizes, materials, flow paths, and end connections available; contact us for a quote.

- Materials Available: Natural Kynar® (PVDF), Glass Filled Black Nylon (GFBN), Polypropylene (PP), Polysulfone (PS)
- O-ring type available: PP, PS and PVDF have Silicone and GFBN has Viton
- Spring type available: 302 Stainless Steel
- Spring-Free Flow Path® fittings – valved
- Superior single barb technology
- Lubricant: biocompatible & inert PFPE
- Slide button & main latch: CrystalVu™ PMP copolymer
- Working pressure: vacuum to 90 psi, 6.9 bar
- USP Class VI & ISO10993 Compliant Materials: Natural Kynar® (PVDF), and Polypropylene (PP)
- Sterilization: EtO, Gamma and E-Beam, Autoclave at 121°C for all materials, autoclave 134°C for GFBN, Kynar and PS. See chart below

	STERILIZATION METHOD				
	Gamma	E-Beam	ETO	Autoclave	
				121°C ⁽¹⁾	134°C ⁽²⁾
Glass Filled Nylon	Y	Y	Y	Y	Y
Kynar	Y	Y	Y	Y	Y
Polypropylene	Y	Y	Y	Y	N
Polysulfone	Y	Y	Y	Y	Y

NOTES:					
	121°C for at least 30 minutes (Gravity Displacement Method) followed by 15-30 minutes drying time.				
(1)	time.				
	134°C for at least 15 minutes (Gravity Displacement Method) followed by 15-30 minutes drying time.				
(2)	time.				

- Continuous Temperature Range:
 - GFBN: 32°F to 450°F (0°C to 232°C)
 - PP: 32°F to 160°F (0°C to 71°C)
 - PVDF: 32°F to 250°F (0°C to 121°C)
 - PS: -40°F to 282°F (-40°C to 139°C)
- Spillage (at rated pressures)
 - Small Housing (1/8" to 3/16" Tubing) <0.05cc per disconnect
 - Medium Housing (1/4" to 3/8" Tubing) <0.05cc per disconnect
 - Large Housing (1/2" to 3/4" Tubing) <0.1cc per disconnect
 - Micro Housing (1/16" to 1/4" Tubing) <0.05cc per disconnect