

AseptiQuik® G DC

Series Connectors

AseptiQuik® G DC Connectors are the first all-in-one, genderless, single-use connection technology to offer both a sterile connection and a sterile disconnection. With the AseptiQuik G DC connector, manufacturers can make quick and easy sterile connections and disconnections – even in non-sterile environments.

The intuitive Flip-Click-Pull design of the AseptiQuik G DC connector enables users to transfer media easily with less risk of operator error. After transfer is complete, a simple two-step disconnection maintains media sterility by preventing environmental ingress into the media flow path.

The connector's robust design and automatic shutoff valves provide reliable performance without the need for fixtures or tube welders/sealers.



SPECIFICATIONS

OPERATING PRESSURE

Up to 60 psi, 4.1 bar
Up to 75 psi, 5.1 bar for 48 hours

OPERATING TEMPERATURE

34°F to 104°F (1°C to 40°C)

TERMINATIONS

1/4", 3/8", 1/2" hose barb (6.4 mm, 9.5 mm, 12.7 mm)

MATERIALS

Main Components: Polycarbonate (white)

Thumb latch: Polycarbonate (blue)

Pull Tabs/Caps: Polycarbonate (blue)

Seals: Silicone (clear), platinum-cured

Membranes: Polyethylene

Springs: Alloy C-276

STERILIZATION

Gamma: up to 50kGy

WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.

FEATURES	BENEFITS
✓ Genderless	Eases single-use systems specifications with one-part number for both halves
✓ FLIP-CLICK-PULL	Intuitive three-step connection process reduces risk of operator error
✓ Simple Two-Step Disconnection	Maintains system sterility in both sides of the system via disconnect process
✓ Membrane Pull Tabs	Ensure simultaneous and secure removal of both membranes
✓ Automatic Shutoff Valves	Eliminate the need for tube sealers post disconnect process
✓ Protective Thumb Latch Cover	Eliminates accidental disconnects
✓ Alloy C-276 internal flow path spring	Enables broader application compatibility

TYPICAL FLOW RATE

Cv Value Range: 0.80–1.90

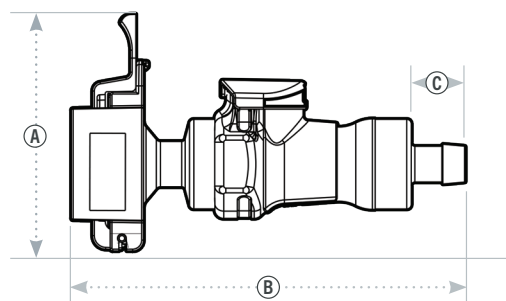
Cv values represent the approximate expected flow rate in gallons per minute of water at room temperature for a 1 PSI pressure drop. The flow is generally constrained by the smallest diameter, which in some cases will be the termination diameter and not the Nominal Flow Path.

NOTE

Validation and Extractables data can be requested at cpcworldwide.com/AseptiQuik-GDC

ASEPTIQUIK® G DC SERIES DIMENSIONS

PRODUCT DIMENSIONS



- Ⓐ = Height
 Ⓑ = Total Length
 Ⓒ = Total Width

POLYCARBONATE — For gamma irradiation applications.



TERMINATION	TUBING	METRIC EQ.	PART NO.	Ⓐ HEIGHT	Ⓑ TOTAL LENGTH	Ⓒ TOTAL WIDTH
1/4" HOSE BARB ASEPTIQUIK G DC BODY	1/4"	6.4 mm	AQGDC17004	2.62" (66.5 mm)	4.37" (111.0 mm)	0.60" (15.2 mm)
3/8" HOSE BARB ASEPTIQUIK G DC BODY	3/8"	9.5 mm	AQGDC17006	2.62" (66.5 mm)	4.37" (111.0 mm)	0.60" (15.2 mm)
1/2" HOSE BARB ASEPTIQUIK G DC BODY	1/2"	12.7 mm	AQGDC17008	2.62" (66.5 mm)	4.66" (118.4 mm)	0.89" (22.6 mm)



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DESIGN FOR LIFE



WARNING: The customer is solely responsible for determining the necessary or most suitable product or service for any particular use case or application. All such risks are assumed by the customer. Specifications subject to change without notice.
WARRANTY: For product warranty information, please contact: info@cpc-bio.com or +1 800-519-7633.
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