

ASEPTIQUIK® G DC SERIES CONNECTORS

AseptiQuik® G DC Series Connector is 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)

STERILIZATION

Gamma: up to 50 kGy irradiation

TERMINATIONS

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

MATERIALS

Main components:

Polycarbonate (white)

Thumb latch:

Polycarbonate (blue)

Pull Tabs/Caps:

Polycarbonate (blue)

Seals:

Silicone (clear), platinum-cured

Membrane:

Polyethylene

Springs:

Alloy C-276

FEATURES

Genderless

FLIP - CLICK - PULL

Simple Two-Step Disconnection

Membrane Pull Tabs

Automatic Shutoff Valves

Protective Thumb Latch Cover

Alloy C-276 internal flow path spring

BENEFITS

Connects with any part number within the AseptiQuik G product line

Intuitive three-step connection process reduces risk of operator error

Maintains system sterility in both sides of the system via disconnect process

Ensure simultaneous and secure removal of both membranes

Eliminate the need for tube sealers post disconnect process

Eliminates accidental disconnects

Enables broader application compatibility

TYPICAL FLOW RATE

Cv Value Range: 0.8-1.90

for AseptiQuik G DC hose barb terminations

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

Scan code to visit webpage



cpcworldwide.com/AseptiQuik-GDC



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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.

ASEPTIQUIK® G DC SERIES DIMENSIONS

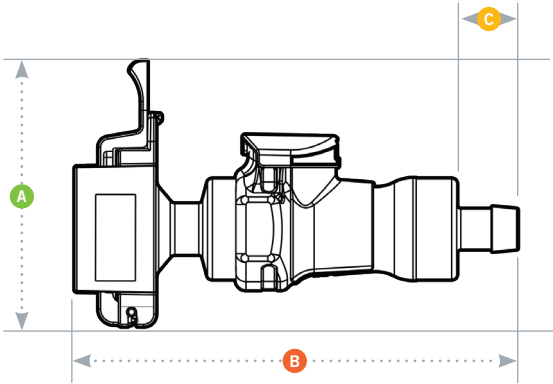
POLYCARBONATE - For gamma irradiation applications.



TERMINATION	TUBING	METRIC EQ.	PART NO.	A	B	C
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)

PRODUCT DIMENSIONS

- A = Height/Diameter
- B = Total Length
- C = Hose Barb Length



COMBINATION STERILE CONNECTIONS FOR SINGLE-USE APPLICATIONS



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