

# ASEPTIQUIK® L SERIES CONNECTORS

**AseptiQuik® L Connectors** enable quick and easy sterile connections, in large-volume, high-flow production environments. The large-format, 3/4", 1" hose barb and 1-1/2" sanitary genderless design simplifies system integration and minimizes the risk of operator error. The connectors' robust construction provides reliable performance without the need for clamps, fixtures or tube welders. Biopharmaceutical manufacturers benefit from the interchangeable connection sanitary flow solutions for full-scale bioprocessing production environments with the quality and market availability they expect from the leader in single-use connection technology.

## 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

#### Standard (blue) and PPSU (purple) Version:

Gamma: up to 50kGy

#### High Temperature (white) Version:

Gamma: up to 50kGy

#### Autoclave:

One cycle up to 266°F (130°C) for 60 minutes

### TERMINATIONS

3/4", 1" ID hose barb (19.0 mm, 25.4 mm)  
and 1-1/2" sanitary

### MATERIALS

#### Main Components:

Polycarbonate (white), (standard and HT versions)  
Polyphenylsulfone (off white) (PPSU version)

#### Pull Tabs/Caps:

Polycarbonate (blue, standard), (white, HT version), (purple, PPSU version)

#### Seals:

Silicone (clear), platinum-cured

#### Membranes:

Polyethylene (standard and PPSU versions),  
Hydrophobic polyethersulfone (HT version),  
PTFE strip sticker

**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

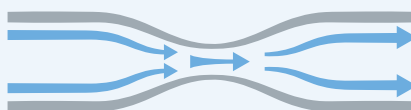
- Genderless
- FLIP-CLICK-PULL
- CPC Click
- Large Internal Diameter
- Chemical Compatibility and pH Range

### BENEFITS

- Eases single-use systems specifications with one-part number for both halves
- Intuitive three-step connection process reduces risk of operator error
- Audible confirmation of connection with no additional hardware required
- Fast and efficient fluid transfer of large volumes under low pressures
- AseptiQuik PPSU enables genderless connection for a greater range of chemical applications, offering versatile connections across downstream processes with a pH range from 2 to 12

### TYPICAL FLOW RATE:

**Cv Value Range:** 30 - 57  
for AseptiQuik L



*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.*

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cpcworldwide.com/AseptiQuik-L

## NOTE

Validation and Extractables data can be requested at [cpcworldwide.com/AseptiQuik-L](http://cpcworldwide.com/AseptiQuik-L)

## DID YOU KNOW

Did you know that the AseptiQuik L is perfect for connecting TFF, TDF, and ATF and other filtration processes that require large flow volumes?

# ASEPTIQUIK L SERIES DIMENSIONS

**POLYCARBONATE** with blue pull tabs - *For gamma irradiation applications.*



TERMINATION	METRIC EQ.	PART NO.	A	B	C
3/4" HOSE BARB	19.1 mm	AQL17012	4.22" (107.2 mm)	2.95" (74.9 mm)	1.50" (38.1 mm)
1" HOSE BARB	25.4 mm	AQL17016	4.22" (107.2 mm)	3.15" (80.0 mm)	1.70" (43.2 mm)
1-1/2" SANITARY	38.1 mm	AQL33024	4.22" (107.2 mm)	2.57" (65.3 mm)	1.13" (28.7 mm)

**POLYCARBONATE HT** with white pull tabs - *For autoclave or gamma irradiation applications.*



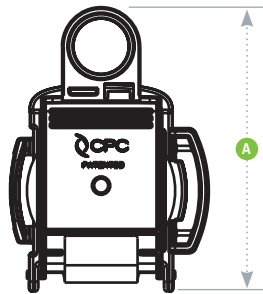
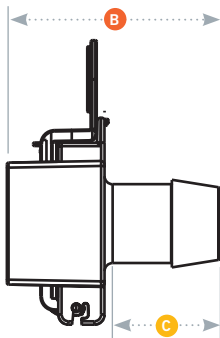
TERMINATION	METRIC EQ.	PART NO.	A	B	C
3/4" HOSE BARB	19.1 mm	AQL17012HT	4.22" (107.2 mm)	2.95" (74.9 mm)	1.50" (38.1 mm)
1" HOSE BARB	25.4 mm	AQL17016HT	4.22" (107.2 mm)	3.15" (80.0 mm)	1.70" (43.2 mm)
1-1/2" SANITARY	38.1 mm	AQL33024HT	4.22" (107.2 mm)	2.57" (65.3 mm)	1.13" (28.7 mm)

**POLYPHENYLSULFONE** with purple pull tabs - *For gamma irradiation applications.*



TERMINATION	METRIC EQ.	PART NO.	A	B	C
3/4" HOSE BARB	19.1 mm	AQL17112	4.22" (107.2 mm)	2.95" (74.9 mm)	1.50" (38.1 mm)
1" HOSE BARB	25.4 mm	AQL17116	4.22" (107.2 mm)	3.15" (80.0 mm)	1.70" (43.2 mm)
1-1/2" SANITARY	38.1 mm	AQL33124	4.22" (107.2 mm)	2.57" (65.3 mm)	1.13" (28.7 mm)

## PRODUCT DIMENSIONS



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



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WARRANTY: All sales are subject to Colder Products Company's limited express warranty set forth in the CPC catalog. Contact your local distributor or CPC Customer Service for warranty provisions.

Warning: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of CPC. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.

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