

ASEPTIQUIK® L SERIES CONNECTORS



Specifications ● ● ●

PRESSURE:

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

TEMPERATURE:

34°F to 104°F (1°C to 40°C)

STERILIZATION:

Gamma: Up to 50kGy irradiation

Autoclave High Temp (HT) Version:
Up to 266°F (130°C) for 60 minutes

TERMINATION SIZES:

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

MATERIALS:

Main Components:

Polycarbonate (white), USP Class VI, ADCF

Pull Tabs/Caps:

Polycarbonate (blue, standard version),
USP Class VI, ADCF

Polycarbonate (white, HT version),
USP Class VI, ADCF

Seals:

Silicone (clear), platinum-cured, USP Class VI, ADCF

Membrane:

Polyethylene (standard version), USP Class VI, ADCF

Hydrophobic polyethersulfone (HT version),
USP Class VI, ADCF, PTFE strip sticker

Genderless AseptiQuik® L Connectors enable quick and easy sterile connections, in large-volume, high-flow production environments. The large-format, 3/4", 1", 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 interchangeable 3/4" and 1", and 1-1/2" 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.

FEATURES

Genderless design

Robust construction

FLIP-CLICK-PULL

Integrated pull tab covers

CPC Click

BENEFITS

Eases integration of single-use systems with one part number for both halves

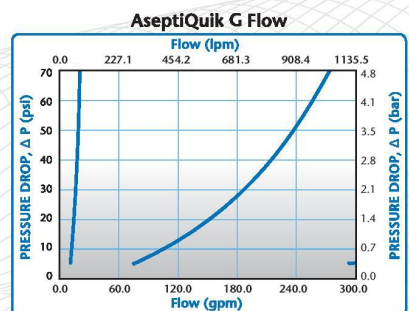
Repeatable and reliable performance with no additional hardware required

Innovative three-step connection process reduces risk of operator error

Pull tabs act as protective cover reducing part complexity and ensure simultaneous removal of both membranes

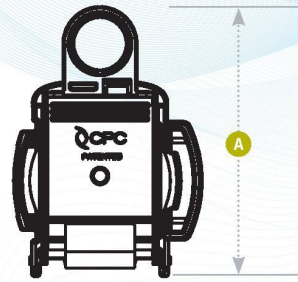
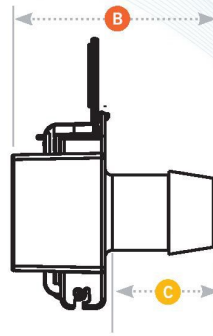
Audible confirmation of assembly

⚠ This graph is intended to give you a general idea of the performance capabilities of each product line. The shaded area of the graph represents the operating range of the product family, i.e. upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.



ASEPTIQUIK® L SERIES DIMENSIONS

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



Coupling Bodies

• POLYCARBONATE with Blue Pull Tabs



TERMINATION
 3/4" HOSE BARB
 1" HOSE BARB
 1-1/2" SANITARY

METRIC QU.
 6.35 mm
 25.4 mm
 38.1 mm

PART NO.
 AQL17012
 AQL17016
 AQL33024

A
 4.22" (107.19 mm)
 4.22" (107.19 mm)
 4.22" (107.19 mm)

B
 2.95" (74.93 mm)
 3.15" (80.01 mm)
 3.40" (86.36 mm)

C
 1.50" (38.10 mm)
 1.70" (43.18 mm)
 1.95" (49.53 mm)

• POLYCARBONATE HT with White Pull Tabs



TERMINATION
 3/4" HOSE BARB
 1" HOSE BARB
 1-1/2" SANITARY

METRIC QU.
 6.35 mm
 25.4 mm
 38.1 mm

PART NO.
 AQL17012HT
 AQL17016HT
 AQL33024HT

A
 4.22" (107.19 mm)
 4.22" (107.19 mm)
 4.22" (107.19 mm)

B
 2.95" (74.93 mm)
 3.15" (80.01 mm)
 3.40" (86.36 mm)

C
 1.50" (38.10 mm)
 1.70" (43.18 mm)
 1.95" (49.53 mm)

FLIP-CLICK-PULL Assembly Procedure

- 1** Unsnap and flip down the protective pull tab covers on each connector half.
- 2** Align the connector halves with the pull tabs hanging down. Slide the two halves together. Independently squeeze each side of the connector until you hear an audible "CPC Click."
- 3** To complete the connection, simply snap the pull tabs together by pushing on the CPC logos and pull the membranes from the connector.

Confidence at every point of connection. 37