

ASEPTIQUIK® G SERIES CONNECTORS



Genderless AseptiQuik® G Connectors enable quick and easy sterile connections, even in non-sterile environments. The easy-to-use genderless design simplifies system integration and minimizes the risk of operator error. The connectors' robust construction provides enhanced user confidence and reliable performance without the need for clamps, fixtures or tube welders. Biopharmaceutical manufacturers benefit from a full range of interchangeable 1/4" to 1-1/2" termination solutions 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

Chemical Compatibility

pH range

AseptiQuik PPSU is BPA free

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

AseptiQuik PPSU enables genderless connection for a greater range of chemical applications.

AseptiQuik PPSU: Versatile connections across downstream processes with a pH range from 2 to 12

Meets a broader range of Application Requirements

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)

Storage Temperature:

Down to -112°F (-80°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

TERMINATION SIZES:

1/4", 3/8", 1/2", 3/4" ID hose barb (6.4mm, 9.5mm, 12.7mm, 19.0mm) and 3/4", 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

Membrane:

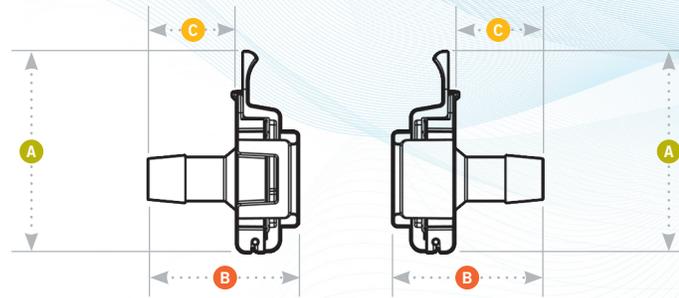
Polyethylene (standard and PPSU versions),

Hydrophobic polyethersulfone (HT version), PTFE strip sticker

Genderless interface allows easy transition between multiple tubing sizes from 1/4" to 1-1/2".

ASEPTIQUIK® G SERIES DIMENSIONS

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



Coupling Bodies

• POLYCARBONATE with Blue Pull Tabs

For gamma irradiation applications.



TERMINATION	METRIC QU.	PART NO.	A	B	C
1/4" HOSE BARB	6.35 mm	AQG17004	2.62" (66.55 mm)	1.62" (41.15 mm)	0.82" (20.83 mm)
3/8" HOSE BARB	9.525 mm	AQG17006	2.62" (66.55 mm)	1.62" (41.15 mm)	0.82" (20.83 mm)
1/2" HOSE BARB	12.7 mm	AQG17008	2.62" (66.55 mm)	1.95" (49.53 mm)	1.15" (29.21 mm)
3/4" HOSE BARB	19.05 mm	AQG17012	2.62" (66.55 mm)	2.36" (59.94 mm)	1.56" (39.62 mm)
3/4" SANITARY	19.05 mm	AQG33012	2.62" (66.55 mm)	1.66" (42.16 mm)	0.86" (21.84 mm)
1-1/2" SANITARY	38.1 mm	AQG33024	2.62" (66.55 mm)	2.86" (72.64 mm)	2.02" (51.31 mm)

• POLYCARBONATE HT with White Pull Tabs

For autoclave or gamma irradiation applications.



TERMINATION	METRIC QU.	PART NO.	A	B	C
1/4" HOSE BARB	6.35 mm	AQG17004HT	2.62" (66.55 mm)	1.62" (41.15 mm)	0.82" (20.83 mm)
3/8" HOSE BARB	9.525 mm	AQG17006HT	2.62" (66.55 mm)	1.62" (41.15 mm)	0.82" (20.83 mm)
1/2" HOSE BARB	12.7 mm	AQG17008HT	2.62" (66.55 mm)	1.95" (49.53 mm)	1.15" (29.21 mm)
3/4" HOSE BARB	19.05 mm	AQG17012HT	2.62" (66.55 mm)	2.36" (59.94 mm)	1.56" (39.62 mm)
3/4" SANITARY	19.05 mm	AQG33012HT	2.62" (66.55 mm)	1.66" (42.16 mm)	0.86" (21.84 mm)
1-1/2" SANITARY	38.1 mm	AQG33024HT	2.62" (66.55 mm)	2.86" (72.64 mm)	2.02" (51.31 mm)

• POLYPHENYLSULFONE with Purple Pull Tabs

For gamma irradiation applications.



TERMINATION	METRIC QU.	PART NO.	A	B	C
1/4" HOSE BARB	6.35 mm	AQG17104	2.62" (66.55 mm)	1.62" (41.15 mm)	0.82" (20.83 mm)
3/8" HOSE BARB	9.525 mm	AQG17106	2.62" (66.55 mm)	1.62" (41.15 mm)	0.82" (20.83 mm)
1/2" HOSE BARB	12.7 mm	AQG17108	2.62" (66.55 mm)	1.95" (49.53 mm)	1.15" (29.21 mm)
3/4" HOSE BARB	19.05 mm	AQG17112	2.62" (66.55 mm)	2.36" (59.94 mm)	1.56" (39.62 mm)
3/4" SANITARY	19.05 mm	AQG33112	2.62" (66.55 mm)	1.66" (42.16 mm)	0.86" (21.84 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.