

AseptiQuik G®

Series Connectors

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.



SPECIFICATIONS

OPERATING PRESSURE

Up to 60 psi, 4.1 bar
Up to 75 psi, 5.1 bar for 48 hours (excluding AQGMPC)

OPERATING TEMPERATURE

34°F to 104°F (1°C to 40°C)

TERMINATIONS

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

MATERIALS

Main Components: White polycarbonate (PC) for standard and HT versions
Off-white polyphenylsulfone (PPSU) for standard and HT versions; polycarbonate weld-plate (non-flow path material) for PPSU HT

Pull Tabs/Caps: Polycarbonate:
Blue = standard temp, White = high temp,
Purple = standard temp PPSU, Gold = high temp PPSU

Seals: Silicone (clear), platinum-cured

Membranes: Polyethylene (standard PC and PPSU versions) Hydrophobic polyethersulfone (HT PC and PPSU versions) PTFE slider sticker (HT PC and PPSU versions)

STERILIZATION

Standard (blue) and PPSU (purple) Versions:
Gamma: up to 50kGy
High Temperature (white) and PPSU (gold) Versions:
Gamma: up to 50kGy
Autoclave: One cycle up to 266°F (130°C) for 60 minutes

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.

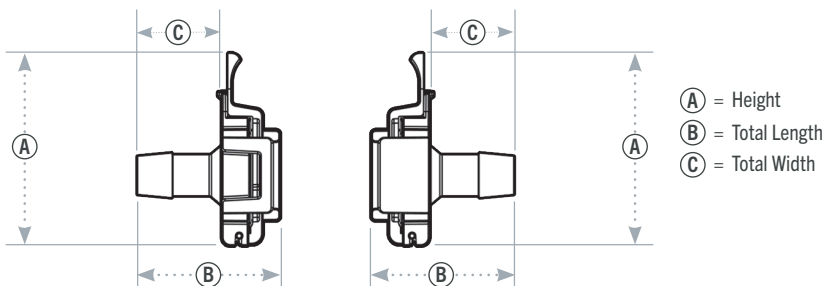
FEATURES	BENEFITS
✓ Genderless	Eases single-use systems specifications with one-part number for both halves
✓ FLIP-CLICK-PULL	Intuitive three-step connection process reduces risk of operator error
✓ CPC Click	Audible confirmation of connection with no additional hardware required
✓ Chemical Compatibility and pH Range	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
✓ BPA-free	AseptiQuik PPSU meets a broader range of Application Requirements

TYPICAL FLOW RATE

Cv Value Range: 1.5 - 31
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.

ASEPTIQUIK G® SERIES DIMENSIONS

PRODUCT DIMENSIONS



POLYCARBONATE with blue pull tabs For gamma irradiation applications.



TERMINATION	METRIC EQ.	PART NO.	HEIGHT	TOTAL LENGTH	TOTAL WIDTH
1/4" HOSE BARB	6.4 mm	AQG17004	2.62" (66.6 mm)	1.62" (41.2 mm)	0.82" (20.8 mm)
3/8" HOSE BARB	9.5 mm	AQG17006	2.62" (66.6 mm)	1.62" (41.2 mm)	0.82" (20.8 mm)
1/2" HOSE BARB	12.7 mm	AQG17008	2.62" (66.6 mm)	1.95" (49.5 mm)	1.15" (29.2 mm)
3/4" HOSE BARB	19.1 mm	AQG17012	2.62" (66.6 mm)	2.36" (59.9 mm)	1.56" (39.6 mm)
3/4" SANITARY	19.1 mm	AQG33024	2.62" (66.6 mm)	1.66" (42.2 mm)	0.86" (21.8 mm)
1-1/2" SANITARY	38.1 mm	AQG33024	2.62" (66.6 mm)	1.93" (48.9 mm)	1.13" (28.6 mm)
MPC INSERT		AQG17MPC	2.62" (66.6 mm)	1.50" (38.1 mm)	0.70" (17.8 mm)

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



TERMINATION	METRIC EQ.	PART NO.	HEIGHT	TOTAL LENGTH	TOTAL WIDTH
1/4" HOSE BARB	6.4 mm	AQG17004HT	2.62" (66.6 mm)	1.62" (41.2 mm)	0.82" (20.8 mm)
3/8" HOSE BARB	9.5 mm	AQG17006HT	2.62" (66.6 mm)	1.62" (41.2 mm)	0.82" (20.8 mm)
1/2" HOSE BARB	12.7 mm	AQG17008HT	2.62" (66.6 mm)	1.95" (49.5 mm)	1.15" (29.2 mm)
3/4" HOSE BARB	19.1 mm	AQG17012HT	2.62" (66.6 mm)	2.36" (59.9 mm)	1.56" (39.6 mm)
3/4" SANITARY	19.1 mm	AQG33024HT	2.62" (66.6 mm)	1.66" (42.2 mm)	0.86" (21.8 mm)
1-1/2" SANITARY	38.1 mm	AQG33024HT	2.62" (66.6 mm)	1.93" (48.9 mm)	1.13" (28.6 mm)
MPC INSERT		AQG17MPCHT	2.62" (66.6 mm)	1.50" (38.1 mm)	0.70" (17.8 mm)

POLYPHENYLSULFONE with purple pull tabs For gamma irradiation applications.



TERMINATION	METRIC EQ.	PART NO.	HEIGHT	TOTAL LENGTH	TOTAL WIDTH
1/4" HOSE BARB	6.4 mm	AQG17104	2.62" (66.6 mm)	1.62" (41.2 mm)	0.82" (20.8 mm)
3/8" HOSE BARB	9.5 mm	AQG17106	2.62" (66.6 mm)	1.62" (41.2 mm)	0.82" (20.8 mm)
1/2" HOSE BARB	12.7 mm	AQG17108	2.62" (66.6 mm)	1.95" (49.5 mm)	1.15" (29.2 mm)
3/4" HOSE BARB	19.1 mm	AQG17112	2.62" (66.6 mm)	2.36" (59.9 mm)	1.56" (39.6 mm)
3/4" SANITARY	19.1 mm	AQG33112	2.62" (66.6 mm)	1.66" (42.2 mm)	0.86" (21.8 mm)
1-1/2" SANITARY	38.1 mm	AQG33124	2.62" (66.6 mm)	1.93" (48.9 mm)	1.13" (28.6 mm)

POLYPHENYLSULFONE with gold pull tabs For autoclave or gamma irradiation applications.



TERMINATION	METRIC EQ.	PART NO.	HEIGHT	TOTAL LENGTH	TOTAL WIDTH
1/4" HOSE BARB	6.4 mm	AQG17104HT	2.62" (66.6 mm)	1.62" (41.2 mm)	0.82" (20.8 mm)
3/8" HOSE BARB	9.5 mm	AQG17106HT	2.62" (66.6 mm)	1.62" (41.2 mm)	0.82" (20.8 mm)
1/2" HOSE BARB	12.7 mm	AQG17108HT	2.62" (66.6 mm)	1.95" (49.5 mm)	1.15" (29.2 mm)
3/4" HOSE BARB	19.1 mm	AQG17112HT	2.62" (66.6 mm)	2.36" (59.9 mm)	1.56" (39.6 mm)
3/4" SANITARY	19.1 mm	AQG33112HT	2.62" (66.6 mm)	1.66" (42.2 mm)	0.86" (21.8 mm)
1-1/2" SANITARY	38.1 mm	AQG33124HT	2.62" (66.6 mm)	1.93" (48.9 mm)	1.13" (28.6 mm)



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