

# Стерильные разъемы ASEPTIQUIK S

## Технические характеристики

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# ASEPTIQUIK® S SERIES CONNECTORS

**AseptiQuik® S Connectors** provide quick and easy sterile connections for small-flow applications, even in non-sterile environments. The "FLIP-CLICK-PULL" design of AseptiQuik S enables users to easily transfer small volumes of media with less risk of operator error than with traditional methods. The connector's genderless and robust design provides reliable performance without the need for clamps, fixtures or tube welders. Biopharmaceutical manufacturers can now make 1/8", 1/4" and 3/8" hose barb and 1/4" and 3/4" sanitary sterile connections 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

### OPERATING TEMPERATURE

39°F to 104°F (4°C to 40°C)

### STERILIZATION

- Gamma: Up to 50kGy irradiation
- OR
- AutoClave High Temp (HT) Version:  
Up to 266°F (130°C) for 60 minutes

### TERMINATIONS

1/8", 1/4" and 3/8" ID hose barb (3.2mm, 6.4mm and 9.5mm), 1/4" and 3/4" sanitary and MPC insert

### MATERIALS

#### Main Components:

Polycarbonate (white)

#### Pull Tabs/Caps:

Polycarbonate (blue, standard version)

Polycarbonate (white, HT version)

#### Seals:

Silicone (clear), platinum-cured

#### Membrane:

Polyethylene (standard version)

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 →

AQS-MPC Combination →

AQS ¼" Sani with Smooth Bore →

### 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

Enables the ability to change a BPC or other single-use system with open format connections to closed systems

Minimizes transitional flow disruptions throughout upstream processing

## TYPICAL FLOW RATE

**Cv Value Range:** 0.19 - 1.74  
for AseptiQuik S

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

## DID YOU KNOW

Did you know that the AseptiQuik S is perfect for simplifying the process to pull flask samples from your bioreactor?

# ASEPTIQUIK S SERIES DIMENSIONS

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



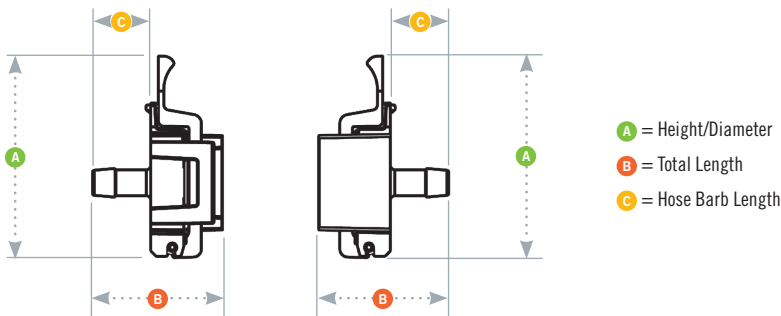
TERMINATION	METRIC EQ.	PART NO.	A	B	C
1/8" HOSE BARB	3.2 mm	AQS17002	2.25" (57.2 mm)	1.30" (33.0 mm)	0.50" (12.7 mm)
1/4" HOSE BARB	6.4 mm	AQS17004	2.25" (57.2 mm)	1.45" (36.8 mm)	0.65" (16.5 mm)
1/4" SANITARY	6.4 mm	AQS33004	2.25" (57.2 mm)	1.50" (38.1 mm)	0.70" (17.8 mm)
3/8" HOSE BARB	9.5 mm	AQS17006	2.25" (57.2 mm)	1.45" (36.8 mm)	0.65" (16.5 mm)
3/4" SANITARY	19.1 mm	AQS33012	2.25" (57.2 mm)	1.60" (40.6 mm)	0.80" (20.3 mm)
MPC INSERT		AQS17MPC	2.25" (57.2 mm)	1.49" (37.9 mm)	0.69" (17.5 mm)

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



TERMINATION	METRIC EQ.	PART NO.	A	B	C
1/8" HOSE BARB	3.2 mm	AQS17002HT	2.25" (57.2 mm)	1.30" (33.0 mm)	0.50" (12.7 mm)
1/4" HOSE BARB	6.4 mm	AQS17004HT	2.25" (57.2 mm)	1.45" (36.8 mm)	0.65" (16.5 mm)
1/4" SANITARY	6.4 mm	AQS33004HT	2.25" (57.2 mm)	1.50" (38.1 mm)	0.70" (17.8 mm)
3/8" HOSE BARB	9.5 mm	AQS17006HT	2.25" (57.2 mm)	1.45" (36.8 mm)	0.65" (16.5 mm)
3/4" SANITARY	19.1 mm	AQS33012HT	2.25" (57.2 mm)	1.60" (40.6 mm)	0.80" (20.3 mm)
MPC INSERT		AQS17MPCHT	2.25" (57.2 mm)	1.49" (37.9 mm)	0.69" (17.5 mm)

## PRODUCT DIMENSIONS



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