

ASEPTIQUIK® STC SERIES CONNECTOR



AseptiQuik® STC Connectors integrate the AseptiQuik® sterile connector and the Steam-Thru® II SIP connector, giving manufacturers even greater flexibility for hybrid stainless steel and single-use processing. The AseptiQuik STC connector combines either an AseptiQuik G or AseptiQuik C sterile connector with a Steam-Thru II connection that can be mounted directly to a stainless steel vessel via a sanitary termination. AseptiQuik STC connectors utilizing an AseptiQuik G sterile connector offer a genderless design, simplifying system integration at the aseptic connector end. AseptiQuik STC connectors utilizing an AseptiQuik C sterile connector allow system designers to incorporate a keyed female-to-male connection at the aseptic connector end.

The union of the two connectors into a single unit through a sanitary clamp allows an AseptiQuik sterile connection to be steamed on to stainless equipment via SIP. After the SIP cycle, a wide range of single-use systems can be connected. The SIP process can be done in advance allowing a quick and easy sterile connection to the AseptiQuik half without having to wait 30-60 minutes for SIP prior to harvest.

FEATURES

AseptiQuik design

Genderless design

Innovative three-port steam design

Robust construction

Patented steam valve design

Sanitary interface between the two connectors

CPC Click

Market availability

BENEFITS

Innovative three-step connection process reduces risk of operator error

Eases integration of single-use systems with universal mating between AseptiQuik G Connectors

Allows a true steam-through SIP process which eliminates "dead legs"

Repeatable and reliable performance with no additional hardware required

Allows sterile connection and disconnection to stainless equipment and permits a high media flow rate.

More secure connection than tubing with cable ties

Audible confirmation of assembly steps

Open access through multiple supply chain partners

Specifications ● ● ●

PRESSURE:

Steam position: Up to 35 psi, 2.4 bar

Flow position: Up to 20 psi, 1.4 bar

TEMPERATURE:

Steam position:

Up to 275°F (135°C) for 60 minutes

Flow position: 39°F to 104°F (4°C to 40°C)

STERILIZATION:

Gamma: Up to 50kGy irradiation

AutoClave: High Temp (HT) version:

Up to 266°F (130°C) for 30 minutes (AQSTC)

Up to 266°F (130°C) for 60 minutes (AQGSTC)

Note: A slight clockwise rotation of the clamp nut may be needed after autoclave.

MATERIALS:

Main Components:

AseptiQuik - Polycarbonate (white), USP Class VI, ADCF

Steam-Thru II - Polysulfone (amber tint), USP Class VI, ADCF

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

Pull Tabs:

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

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

Caps: Polypropylene (clear), USP Class VI, ADCF

Membrane:

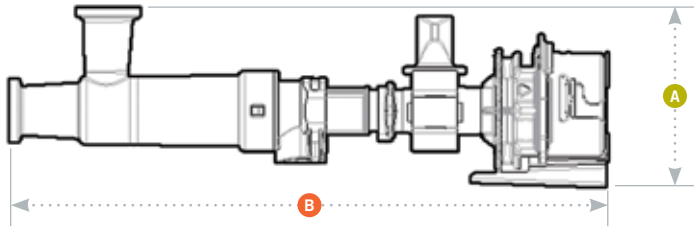
Polyethylene (standard version), USP Class VI, ADCF

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

Clamp: Nylon 66 (white), USP Class VI

Note: Mates with gendered and genderless AseptiQuik connectors.

ASEPTIQUIK® STC SERIES DIMENSIONS



- A** = Height/Diameter
- B** = Total Length
- C** = Actuated Length

Mates with gendered male and female AseptiQuik Series.

Coupling Bodies

- **POLYCARBONATE** with Blue Pull Tabs



TERMINATION
3/4" X 3/4" SANITARY STEAM-THRU II WITH ASEPTIQUIK BODY

PART NO.	A	B	C
AQSTC2330900	2.78 (70.6 mm)	9.25 (235 mm)	8.42 (213.9 mm)

3/4" X 1-1/2" SANITARY STEAM-THRU II WITH ASEPTIQUIK BODY (PICTURED)

AQSTC2331000	2.78 (70.6 mm)	9.25 (235 mm)	8.42 (213.9 mm)
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- **POLYCARBONATE** HT with White Pull Tabs



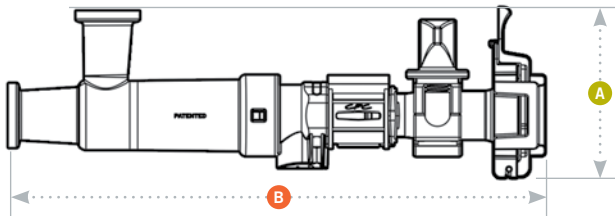
TERMINATION
3/4" X 3/4" SANITARY STEAM-THRU II WITH ASEPTIQUIK BODY (PICTURED)

PART NO.	A	B	C
AQSTC2330900HT	2.78 (70.6 mm)	9.25 (235 mm)	8.42 (213.9 mm)

3/4" X 1-1/2" SANITARY STEAM-THRU II WITH ASEPTIQUIK BODY

AQSTC2331000HT	2.78 (70.6 mm)	9.25 (235 mm)	8.42 (213.9 mm)
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ASEPTIQUIK® G STC SERIES DIMENSIONS



- A** = Height/Diameter
- B** = Total Length
- C** = Actuated Length

Mates with genderless AseptiQuik G Series.

Coupling Bodies

- **POLYCARBONATE** with Blue Pull Tabs



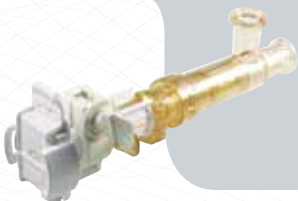
TERMINATION
3/4" X 3/4" SANITARY STEAM-THRU II WITH GENDERLESS ASEPTIQUIK G BODY

PART NO.	A	B	C
AQGSTC2330900	3.05	8.26	7.36

3/4" X 1-1/2" SANITARY STEAM-THRU II WITH GENDERLESS ASEPTIQUIK G BODY

AQGSTC2331000	3.05	8.26	7.36
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- **POLYCARBONATE** HT with White Pull Tabs



TERMINATION
3/4" X 3/4" SANITARY STEAM-THRU II WITH GENDERLESS ASEPTIQUIK G BODY

PART NO.	A	B	C
AQGSTC2330900HT	3.05	8.26	7.36

3/4" X 1-1/2" SANITARY STEAM-THRU II WITH GENDERLESS ASEPTIQUIK G BODY

AQGSTC2331000HT	3.05	8.26	7.36
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ASEPTIQUIK® STC SERIES ASSEMBLY PROCEDURE

CLICK-PULL-TWIST Assembly Procedure

