## ASEPTIQUIK® DC SERIES CONNECTORS



AseptiQuik® DC Connectors are the first all-in-one single-use connection technology to offer both a sterile connect and sterile disconnect. With the AseptiQuik DC Connector, manufacturers can make a quick and easy sterile connection and disconnection, even in non-sterile environments.

AseptiQuik DC's intuitive "CLICK-PULL-TWIST" design enables users to transfer media easily with less risk of operator error. After transfer is complete, the connector features a simple one-step disconnection that maintains media sterility by preventing external organisms from entering into the media flow path. The connector's robust design and automatic shutoff valves provide reliable performance without the need for sanitary clamps, fixtures or tube welders.

FEATURES	BENEFITS
CLICK-PULL-TWIST design	Intuitive three-step connection process reduces risk of operator error
Simple one-step disconnection	Maintains media sterility in each half by preventing external organisms from entering the flow path
Membrane pull tabs	Ensure simultaneous and secure removal of both membranes
Robust construction	Repeatable and reliable performance with no additional hardware required
CPC Click	Audible confirmation of completed assembly steps
Market availability	Open access through multiple supply chain partners

### Specifications • • •



#### PRESSURE:

Up to 60 psi, 4.1 bar

#### **TEMPERATURE:**

39°F to 104°F (4°C to 40°C)

#### STERILIZATION:

Gamma: Up to 50kGy irradiation

#### **TERMINATION SIZES:**

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

#### **MATERIALS:**

Main Components: Polycarbonate (white), USP Class VI, ADCF

Lock Ring: Polycarbonate (blue), 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

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

#### Membrane:

Polyethylene (standard version),

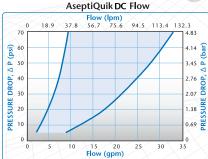
USP Class VI, ADCF

Hydrophobic polyethersulfone (HT version) USP Class VI, ADCF

Springs: 316L stainless steel

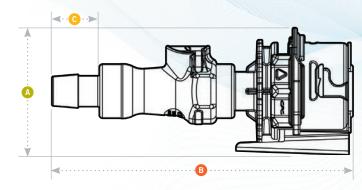
# AseptiQuik halves: AQCDC inserts mate with standard AQC bodies wth standard AQC

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® DC SERIES DIMENSIONS

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



### **Coupling Bodies** • POLYCARBONATE



1/4" HOSE BARB 3/8" HOSE BARB 1/2" HOSE BARB

AQCDC17004 AQCDC17006 AQCDC17008

1/4" 3/8" 2.36 (59.9) 2.36 (59.9) 2.36 (59.9) 5.33 (135.4) 5.33 (135.4)

0.60 (15.2) 0.60 (15.2) 0.89 (22.6)

### **Coupling Inserts • POLYCARBONATE**



1/4" HOSE BARB 3/8" HOSE BARB 1/2" HOSE BARB

AQCDC22004 AQCDC22006 AQCDC22008

1/4" 3/8"

2.50 (63.5) 2.50 (63.5) 2.50 (63.5)

5.41 (137.4) 5.41 (137.4) 5.70 (144.8)

0.60 (15.2) 0.60 (15.2) 0.89 (22.6)

## CLICK-PULL-TWIST Assembly Procedure



Align male and female couplings, push together until audible "CPC Click" confirmation.

Slight rotation of lock ring may be required for proper alignment prior to connection.



Snap membrane pull tabs together and pull from connector.



Twist the blue lock ring clock-wise until "CPC Click" and rib to arrow alignment confirms secure final connection.

## To Disconect



When fluid transfer is finished, press the thumb latch down to complete the sterile disconnection. Both halves will remain sterile.