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COLDER PRODUCTS COMPANY

Colder Products Company is the leader in the design and manufacture of single-use connection technology and connectors for the life sciences industry. Colder offers a wide variety of bioprocessing solutions including sterile connect, sterile disconnect, SIP connections and quick connects. Our innovative designs provide flexibility for biopharmaceutical manufacturers to easily combine multiple components, single-use or hybrid systems including process containers, tubing manifolds, transfer lines, bioreactors and other bioprocess equipment.

Robust and easy-to-use single-use connectors from Colder maintain flow path sterility and integrity while enabling biopharmaceutical manufacturers to improve production yields, decrease time-to-market and reduce costs. Colder is ISO 14048 certified and our products for bioprocessing applications are manufactured in an ISO Class 7 certified cleanroom.

For applications where reliability and sterility are a must, Connect with Colder.

Founded in St. Paul, Minn. in 1978, Colder offers more than 10,000 standard and custom products with offices in nine countries and distributor representation in North America, Europe, Asia, South America and Australia. Colder is a Dover company.

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Distributed by:

Colder Products Company

Colder Patent Statement: Colder Products Company takes pride in its innovative quick disconnect coupling solutions, many of which have been awarded numerous United States and European patents. Colder Products Company has a strong tradition of holding the key bioprocess market needs and aggressively protects and promotes its proprietary information and intellectual property. In cases where it is practical and as a benefit to its customers, Colder Products Company has licensed its proprietary technology. Please contact Colder Products Company to discuss your unique needs.

CPCR Warranty Statement: Colder Products Company warrants its products against defects in workmanship and materials for a period of 12 months from the date of sale by Colder Products Company to its initial customer (regardless of any subsequent sales of the products). This warranty is valid for the product is unused, installed, tampered with or is installed or used in a manner that is inconsistent with Colder Product Company’s written recommendations, specifications and/or instructions, or fails to perform due to normal wear and tear. Colder Products Company does not warrant the suitability of the product for any particular application. Determining product application suitability is solely the customer’s responsibility. Colder Products Company is not liable for special, indirect, incidental, consequential or other damages including, but not limited to, loss, data, or personal injury, or any other expense directly or indirectly arising from the use of or inability to use its products or in connection with or other products. ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED.

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Warning: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all inputs are beyond the control of Colder. It is the user’s responsibility to carefully determine and test for compatibility of use with their application. All such risks shall be assumed by the buyer.

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 3/4” flow solutions with the quality and market availability they expect from the leader in single-use connection technology.

### Features
- **Genderless design**: Eases integration of single-use systems with universal mating between G connectors
- **Robust construction**: Repeatable and reliable performance with no additional hardware required
- **FLIP-CLICK-PULL**: Innovative three-step connection process reduces risk of operator error
- **Integrated pull tab covers**: Pull tabs act as protective cover reducing part complexity and ensure simultaneous removal of both membranes
- **Colder Click**: Audible confirmation of assembly

### Benefits
- **Genderless interface**: Lowers the risk of cross contamination and provides a transition between multiple tubing sizes from 1/4” to 3/4”

### Specifications
- **Pressure**: Up to 60 psi, 4.1 bar
- **Temperature**: 34°F to 104°F (1°C to 40°C)
- **Sterilization**: Gamma: Up to 50kGy irradiation
  - AutoClave High Temp (HT) Version: Up to 266°F (130°C) for 30 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” sanitary

### Materials
- **Main Components**:
  - Polycarbonate (white), USP Class VI, ADCF
  - Polycarbonate (blue, standard version), USP Class VI, ADCF
  - Polycarbonate (white, HT version), USP Class VI, ADCF
  - Silicon (clear), platinum-cured, USP Class VI, ADCF
  - Polymethyl (standard version), USP Class VI, ADCF
  - Polyethylene (standard version)
- **Membrane**:
  - Hydrophobic polyethersulfone (HT version), USP Class VI

#### AseptiQuik G Flow

<table>
<thead>
<tr>
<th>Flow (gpm)</th>
<th>Pressure Drop (PSI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.8</td>
<td>50.0</td>
</tr>
<tr>
<td>3.5</td>
<td>70.0</td>
</tr>
<tr>
<td>4.8</td>
<td>100.0</td>
</tr>
</tbody>
</table>

This graph is intended to give you a general idea of the performance capabilities of each product line. The shaded area of this 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® G Connector

<table>
<thead>
<tr>
<th>Actual size</th>
<th>Actual size</th>
</tr>
</thead>
</table>

### Integration

<table>
<thead>
<tr>
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</tr>
</thead>
</table>
| Polycarbonate (white), USP Class VI, ADCF
| Polycarbonate (blue, standard version), USP Class VI, ADCF
| Polycarbonate (white, HT version), USP Class VI, ADCF
| Silicon (clear), platinum-cured, USP Class VI, ADCF
| Polymethyl (standard version), USP Class VI, ADCF
| Polyethylene (standard version)

#### Polymethyl (standard version)
- **Membrane**:
  - Hydrophobic polyethersulfone (HT version), USP Class VI
AseptiQuik G Connectors enable operators to make a quick and easy sterile connection between two single-use systems, even in non-sterile environments.

AseptiQuik G Connectors are interchangeable genderless design simplifies system integration, providing manufacturers with even more options for making quick and easy sterile connections.

AseptiQuik STC Connectors allow operators to use a Steam-In-Place (SIP) process to connect an AseptiQuik sterile connector to stainless processing equipment.

AseptiQuik X Connectors provide quick and easy 1” sterile connections for high-flow applications.

AseptiQuik DC Connectors are the first all-in-one connector to enable operators to make both a sterile connect and a sterile disconnect.

Did you know... Colder offers a full line of AseptiQuik® Connectors?

Biopharmaceutical manufacturers now have an extensive range of options for sterile connect and sterile disconnect of single-use systems.

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Contact us for validation reports, biocompatibility and extractables data.
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All of our bioprocessing connections are manufactured in an ISO Class 7 certified cleanroom and all fluid contact materials meet USP Class VI and ADFC requirements. Contact us for validation reports, biocompatibility and extractables data.

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AseptiQuik® Connectors

AseptiQuik® X Connectors

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AseptiQuik® STC Connectors

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 “Colder 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.
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Specifications

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