



# PRODUCT LINE OVERVIEW



## ***Smart fluid handling to take you forward, faster*** ● ● ●

CPC (Colder Products Company) has been designing and manufacturing quick disconnect couplings, fittings and connectors since 1978. Our broad range of products are found in thousands of applications across many life sciences, specialty industrial and chemical handling markets. Used in a wide range of products, machinery, devices and processes, CPC's innovative coupling and connection technologies allow flexible tubing to be quickly and safely connected and disconnected. The robust and easy-to-use design of CPC's quick disconnect couplings and fittings provides reliable, secure and leak-free connections for fluid and air management. CPC makes people's lives better by developing innovative high quality products that make fluid handling safe and easy.

### **WHERE TO BUY**

Find your local distributor by visiting [cpcworldwide.com](http://cpcworldwide.com) or call CPC's Customer Service at 1-800-444-2474 or 651-645-0091. You can also send an email to [info@cpcworldwide.com](mailto:info@cpcworldwide.com).

### **QUALITY**

CPC meets or exceeds our customers' expectations. Everyone is involved, from our suppliers to our distribution network, and most important, our employees. CPC measures and continually improves our standards of product quality, support services and overall customer and employee satisfaction. CPC's Quality System conforms to ISO 9001:2008 and ISO 13485 standards. Our cleanroom is ISO Class 7 certified.

### **RESOURCE RICH CATALOG**

This 164-page specifying guide details our extensive line of couplings, fittings and connectors. The catalog includes comprehensive information for our full product offering across markets in one concise resource for virtually every fluid or air handling application.

**Request a catalog at [cpcworldwide.com/catalog](http://cpcworldwide.com/catalog) or by calling 1-800-444-2474.**



# INTRODUCTION



## Global Distribution

Find your local distributor by visiting [cpcworldwide.com/ContactUs](http://cpcworldwide.com/ContactUs) or call CPC's Customer Service at 1-800-444-2474 or 651-645-0091.

## Quality

Quality is a key component of CPC's success. We are ISO 9001:2008 and ISO 13485:2003 certified and our cleanroom is ISO Class 7 certified.

## How to Choose the Right Connector

### INTRODUCTION

With so many connection options, it can often be an overwhelming task to decide which connector is best suited for an application. By understanding your application requirements and selecting the correct connection type, you will have better performance and sealing results.

### ASSESSING THE APPLICATION

Understanding your application is the key to selecting the proper connection. Use the following guide to simplify your selection.

#### FLOW

What is your required flow and pressure drop? Be sure to allow for the effect of shutoff valves and tubing connections on your calculations.

#### TUBING

What size tubing, both inner and outer diameter, are you using?

#### MEDIA

The viscosity and corrosiveness of the fluid going through the connection need to be considered. Make sure the media is chemically compatible with ALL coupling materials - including the seals, o-rings and springs. Double-check media compatibility.

#### TEMPERATURE

Know your minimum and maximum temperature range. Standard temperature ranges are from -40° to 200° F (-40° to 93° C) depending on connection material.

#### PRESSURE

What is the maximum pressure your connection will need to withstand during operation? Quick disconnects rated to 250 psi (17 bar) will handle most low pressure applications.

#### TUBING CONNECTIONS

Type: Hose barb, compression fittings and push-to-connect are the most common termination styles.

Size: You will need to know ID for hose barbs, OD for push-in-fittings and tube ID and OD for compression.

#### SHUTOFF OPTIONS

Do you need automatic or integral shutoff valves? Shutoff options are single, double and non-spill.

#### MOUNTING OPTIONS

How is the connection going to be configured into your application? Common mounting options include pipe thread, panel mount, in-line or elbow.

#### SPECIAL REQUIREMENTS

Sterilization, NSF listed, USP Class VI approved materials, special packaging, color coding, keying, lot traceability, etc.



Visit us online for interactive web tools



## ALSO ON THE WEB

- Part Specifier
- Chemical Compatibility
- Ask Our Engineers
- CAD Models
- Watch Product Videos



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**cpcworldwide.com**  
Quick Disconnect Couplings  
and Connectors.



# MATERIAL OPTIONS

## Material Options

The type of media flowing through a connection can affect the strength, surface appearance, color and performance of the connection. Here are some guidelines for the different types of material.

### THERMOPLASTICS

#### ABS

Economical, medical-grade thermoplastic that withstands gamma and e-beam sterilization. It is commonly used in medical devices. ABS is an amorphous material with good physical properties and high resistance to chemical attack.

#### ACETAL

Strong, lightweight and economical material used for a wide variety of chemical and mechanical components. Acetal offers high strength and rigidity over a broad temperature range, low wear, toughness and resistance to repeated use.

#### POLYAMIDE

(NYLON)

Very resistant to wear and abrasion, good mechanical properties even at elevated temperatures, low permeability to gases and good chemical resistance.

#### PEEK

(POLYETHERETHERKETONE)

Highly temperature resistant, engineered thermoplastic with excellent chemical and fatigue resistance. It exhibits superior mechanical and electrical properties.

#### POLYCARBONATE

Resistant to some chemicals, withstands sterilization and is typically transparent. It is commonly used in medical devices and offers impact resistance, outstanding dimensional stability and good optical properties.

#### POLYETHYLENE

Low-cost, chemically resistant thermoplastic. It is opaque and can withstand reasonably high temperature.

#### POLYPROPYLENE

Excellent general purpose resin that is highly resistant to chemical attack from solvents and chemicals in harsh environments. In general, polypropylene is resistant to environmental stress cracking and it can be exposed to challenging environments.

#### POLYSULFONE

Rigid material with excellent strength, good chemical resistance; withstands repeated sterilization and higher temperatures than other thermoplastics. Its high hydrolytic stability allows its use in medical applications requiring repeated high temperature autoclave and steam sterilization.

#### PPS

(POLYPHENYLENE SULFIDE)

Broadest resistance to chemicals as an advanced engineering plastic.

### FLUOROPOLYMERS

#### PTFE

Chemically resistant to all chemicals and solvents with the exception of some molten metals, molten sodium hydroxide, elemental fluorine and certain fluorinating agents. PTFE offers chemical resistance and stability at high temperature.

#### PVDF

Tough engineering thermoplastic with a balance of physical and chemical properties that qualifies it for high performance in a wide range of applications. It is mechanically strong and tough, has good ductility and has a broad, useful temperature range.

## ALLOYS

### ALUMINUM

Lightweight metal with an available hard anodized finish for durability. Aluminum is non-toxic, non-magnetic, non-sparking and is known for its high strength to weight ratio.

### CHROME-PLATED BRASS

Rugged metallic material with an attractive appearance, chrome-plated brass is excellent for higher pressure and temperature.

### DIE-CAST ZINC

Durable and lightweight (about 20% less than comparable brass) material that withstands high pressure and temperature.

### STAINLESS STEEL

Offers excellent rust resistance and is often used for connector components such as valve springs.

## O-RING SELECTION

Selecting the correct o-ring is directly related to your application. One o-ring can offer you better chemical resistance, another can offer better heat resistance, a third can offer cold flexibility. Here are some guidelines for the different types of o-rings.

### BUNA-N

The most common o-ring material is Buna-N due to its solvent, oil and water resistance. It has a temperature range of -40° to 250° F (-40° to 121° C).

### EPDM

Ethylene-propylene-diene rubber (EPDM, also sometimes referred to as EPR) is a chemically-resistant family of compounds. CPC uses high quality peroxide-cured EPDMs that provide exceptional resistance to temperatures when using a wide range of chemicals.

### FFKM (CHEMRAZ®, SIMRIZ®, KALREZ®)

Broadest range of chemical resistance of any elastomeric material, combining the resilience and sealing force of an elastomer with chemical resistance approaching that of PTFE.

### FKM

Well-known for its outstanding resistance to heat, oxidation, weathering and ozone. The temperature range is -15° to 400° F (-26° to 204° C).

### PFA & FEP ENCAPSULATED SEALS

Encapsulated seals combine the resiliency of the elastomer with the superior chemical resistance of the fluoropolymer to achieve a seal that is lower cost than a pure fluoroelastomer FFKM seal.

### SILICONE

Seals have good temperature resistance. The temperature range is -70°F to 400°F (-57°C to 204°C) with special compounds that can reach up to 450°F (232°C). Silicone can also be supplied with Class VI requirements for life sciences applications.

## ELASTOMERS

### TPE

Thermoplastic Elastomer (TPE) is a blend of additives and copolymers in a special formulation that forms extremely durable bonds to a substrate, while offering the traditional properties of soft-touch overmold.

### TPV

Thermoplastic Vulcanizate (TPV) is an alloy of polypropylene thermoplastic and fully vulcanized EPDM rubber. TPV is typically resistant to water, acids and bases.

## THE RIGHT NUMBER OF BARBS



Many things work together to determine the quality of the connection between a hose barb and the tubing it connects. The sharpness of the barb, surface finish and the barb angle all contribute to the overall quality of the connection. Failing to optimize these technical aspects will result in a poor connection, regardless of the number of hose barbs used.

CPC offers a variety of hose barb styles and connection options for tubing ranging from 1/16" to 1" ID.



# CUSTOM CAPABILITIES

## Connector solutions from CPC

add value to your product by making your fluid and air connections easy to use and more reliable, increasing your product's modularity and serviceability and providing an overall cleaner, faster, safer and smarter way to make a connection. If you can't find the perfect solution from one of our thousands of standard products or you'd like to simply off-load the connector portion of your project to allow you to focus on your core technologies, CPC Engineered Solutions can help.

## HYBRID COUPLINGS

Connect both fluid and electronics – at the same time in a single connection.



## RFID-ENABLED INTELLIGENT FLUID CONNECTIONS

Redefine what's possible for controlling, protecting and streamlining fluid handling processes. Identify misconnections, control usage and protect your brand.



## METAL NON-SPILL COUPLINGS

Robust housing with high flow plastic valves.



## CUSTOM MATERIALS

A wide range of materials are available to meet application needs.



Manifold



Packaged bottle cap dip-tube assembly



Polycarbonate elbow



Metal non-spill without thumb latch



Cap with vent



Industrial Design



## MULTI-TUBE COUPLINGS

Connect multiple lines with one easy connection.



## CUSTOM TUBE CONNECTIONS

Connect to a wide variety of types and sizes of tubing.



*Custom designed products are exclusively produced for a specific customer. These proprietary products might not be for sale. Contact your local distributor for more information.*

## MOUNTING OPTIONS

Application-specific connections including threads, caps, snap-fits and more.



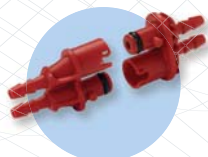
### ***Consider a Custom-Designed Connector When:***

- >> A quick disconnect will add value to your product, make it easier to use and more reliable
- >> Your specifications cannot be met by an existing standard CPC product
- >> Unique requirements, budgets or timing warrant your designer's collaboration with CPC's Engineered Solutions Team

2-way valve



Dual-line connector



Air/fluid/electronic tube set



RFID weight scale connector



RFID panel



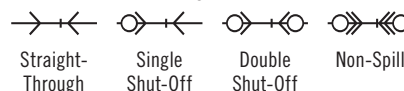
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Note: Product images may not be to scale

## General Purpose Couplings

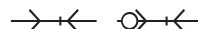
### DESCRIPTION



**SMC & SMF1:** Twist-to-connect design provides reliable and secure alternative to luer-type connections.

**Material:** Acetal, polypropylene, ABS, chrome-plated brass

**Tubing ID Sizes:** 1/16" to 1/8" (1.6mm to 3.2mm)



**SNAPQUIK®:** Small break away connector for low pressure applications. Unique internal latching mechanism creates a smooth streamlined exterior that is easy to use and clean.

**Material:** Acetal

**Tubing ID Sizes:** 3/32" to 1/8" (2.4mm to 3.2mm)



**NS1:** Smallest plastic non-spill coupling features enable secure connection and drip-free disconnect.

**Material:** Glass-filled polypropylene, PEEK®, polypropylene

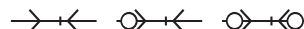
**Tubing:** Microbore to 1/8" (Microbore to 3.2mm)



**PMC:** Features one-hand connection and disconnection and integral terminations; easier to use than ball-and-sleeve designs.

**Material:** Acetal

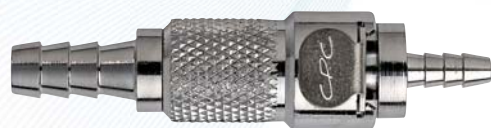
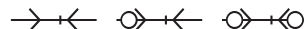
**Tubing ID Sizes:** 1/16" to 1/4" (1.6mm to 6.4mm)



**PMC12:** Offered with a variety of configurations and chemical resistance for demanding applications; gamma sterilizable.

**Material:** Polypropylene

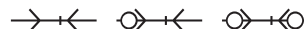
**Tubing ID Sizes:** Microbore to 1/4" (Microbore to 6.4mm)



**MC:** Durable and able to withstand higher pressure and temperature; easy one-hand connection and disconnection.

**Material:** Chrome-plated brass

**Tubing ID Sizes:** 1/8" to 1/4" (3.2mm to 6.4mm)



**NS212:** Twist-to-connect design features non-spill valves designed to provide fast, safe and virtually leak-free fluid line connections.

**Material:** Glass-filled polypropylene

**Tubing ID Sizes:** 1/8" to 1/4" (3.2mm to 6.4mm)



**PLC:** Widest selection of sizes and configurations offered; resistant to most mild chemical solutions.

**Material:** Acetal

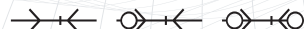
**Tubing ID Sizes:** 1/4" to 3/8" (6.4mm to 9.5mm)



**PLC12:** Materials of construction offer broad chemical resistance for demanding applications; gamma sterilizable.

**Material:** Polypropylene

**Tubing ID Sizes:** 1/4" to 3/8" (6.4mm to 9.5mm)



## General Purpose Couplings

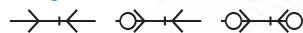
### DESCRIPTION



**LC:** Durable and able to withstand higher pressure and temperature; easy one-hand connection and disconnection.

**Material:** Chrome-plated brass

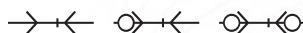
**Tubing ID Sizes:** 1/4" to 3/8" (6.4mm to 9.5mm)



**APC:** Features plastic thumb latch, fewer moving parts and a smooth contoured design to deliver ease-of-use and excellent flow.

**Material:** Acetal

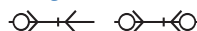
**Tubing ID Sizes:** 1/4" to 3/8" (6.4mm to 9.5mm)



**BREAKAWAY®:** Provides safe and easy fluid transfer with protection from costly product loss and equipment damage.

**Material:** Acetal

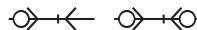
**Tubing ID Sizes:** 1/4" and 3/8" (6.4mm and 9.5mm)



**EFC12:** High-efficiency valve design provides high flow capability; bulkhead panel mount option facilitates tight seals against tank walls and drums.

**Material:** Polypropylene

**Tubing ID Sizes:** 1/4" and 3/8" (6.4mm and 9.5mm)



**NS4:** Non-spill coupling that virtually eliminates spills, minimizes downtime and enhances operator safety.

**Material:** Glass-filled polypropylene, ABS

**Tubing ID Sizes:** 1/8" to 3/8" (3.2mm to 9.5mm)



**LQ4:** Liquid cooling non-spill coupling guarantees a secure, reliable connection and dripless disconnect.

**Material:** Chrome-plated brass

**Tubing ID Sizes:** 1/4" to 3/8" (6.4mm to 9.5mm)



**NS6:** Durable, yet lightweight construction that features non-spill valves and is compatible with many chemicals.

**Material:** Glass-filled polypropylene

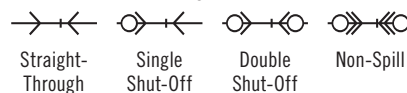
**Tubing ID Sizes:** 3/8" and 1/2" (9.5mm and 12.7mm)





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Note: Product images may not be to scale

## General Purpose Couplings

### DESCRIPTION



**LQ6:** Liquid cooling non-spill coupling guarantees a secure, reliable connection and dripless disconnect.

**Material:** Chrome-plated brass

**Tubing ID Sizes:** 3/8" to 1/2" ID (9.5mm to 12.7mm ID)



**NSH:** Pressure-balanced non-spill design with 100% metal-free, spring-free flow path.

**Material:** Glass-filled polypropylene

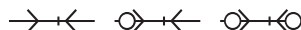
**Tubing ID Sizes:** 3/8" to 3/4" (9.5mm to 19.0mm)



**HFC12:** Efficient valve design leads to high flow and exceptionally low spillage; shrouded thumb latch is easy to grip and simple to operate.

**Material:** Polypropylene

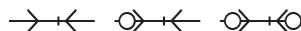
**Tubing ID Sizes:** 3/8" to 3/4" (9.5mm to 19.0mm)



**HFC35 & 57:** Withstand harsh environments and offered with or without UV-resistant materials to withstand harmful rays without affecting performance.

**Material:** Polysulfone (white), UV-resistant polysulfone (black)

**Tubing ID Sizes:** 3/8" to 3/4" (9.5mm to 19.0mm)



**FFC35:** Features non-valved and unobstructed flow path to increase flow and minimize turbulence.

**Material:** Polysulfone

**Tubing ID Sizes:** 3/4" (19.0mm)



## Specialty Products

### PAGE | DESCRIPTION



**TENTUBE™:** Allows connection and disconnection of up to ten lines with one slide latch; tubing orientation ensured by physical keying.

**Material:** Nylon, acetal, polypropylene

**Tubing ID Sizes:** 1/16" to 1/8" (1.6mm to 3.2mm)





## Specialty Products (cont.)

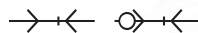


### DESCRIPTION

**SIXTUBE™:** Snap-in panel mount design and flexibility to connect and disconnect six separate lines with or without valves.

**Material:** Acetal, polypropylene

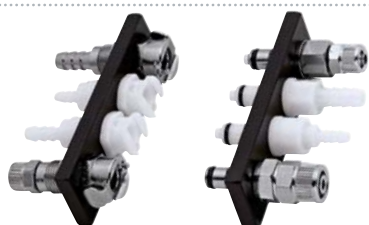
**Tubing ID Sizes:** 1/16" to 1/8" (1.6mm to 3.2mm)



**TWIN TUBE™:** One easy-to-use quick disconnect for two separate non-valved flow paths.

**Material:** Acetal, ABS

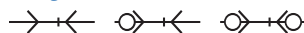
**Tubing ID Sizes:** 1/16" to 1/8" (1.6mm to 3.2mm)



**MULTI-MOUNT:** Connects three to five lines at once; keyed to prevent mismatched connections.

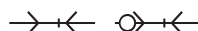
**Material:** Acetal, chrome-plated brass

**Tubing ID Sizes:** 1/8" to 3/8" (3.2mm to 9.5mm)



**BQ45GL:** Quick disconnect coupling or fitting integrated into a cap designed for 45GL bottles.

**Material:** Polyethylene



**HYBRID CONNECTOR:** One integrated connector combining 2 fluid lines with non-spill couplings and 4 electrical lines to simplify the user interface.

**Material:** Glass-filled polypropylene



**MINI HYBRID CONNECTOR:** A compact, single connection point combining 1 fluid line with 2 electrical lines with a breakaway mechanism for ease of use.

**Material:** Glass-filled polypropylene



## Intelligent Fluid Connections

### PAGE | DESCRIPTION



**INTELLIGENT FLUID CONNECTIONS:** Redefine what's possible for controlling, protecting and streamlining fluid handling with RFID-enabled couplings.

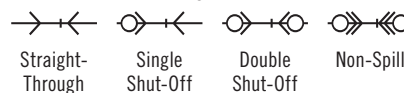
**Material:** Acetal, polypropylene, glass-filled polypropylene



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## Life Sciences - Medical & Bioprocessing

### LEGEND



Note: Product images may not be to scale

### DESCRIPTION



**SMC:** Twist-to-connect design manufactured and packaged in a cleanroom.

**Material:** Medical-grade polycarbonate

**Tubing ID Sizes:** 1/16" to 1/8" (1.6mm to 3.2mm)



**SRC:** A unique small bore connector that eliminates the potential for misconnections with luer fittings.

**Material:** Medical-grade polypropylene

**Tubing ID Sizes:** 1/8" to 3/16" (3.2mm to 4.8mm)



**MPC:** Easy-to-use and secure connection for critical fluid applications; includes pressure sealing caps and plugs with optional locking sleeves.

**Material:** Medical-grade ABS, medical-grade polycarbonate and polysulfone (USP Class VI, ADCF)

**Tubing ID Sizes:** 1/8" to 3/8" (3.2mm to 9.5mm)



**BACK-TO-BACK ADAPTERS:** Allow end users to connect single-use systems that may feature identical connections at the end of their tubing.

**Material:** Medical-grade polycarbonate and polysulfone, USP Class VI, ADCF



**MPX:** Larger flow, easy-to-use and secure connection for critical fluid applications; includes pressure sealing caps and plugs with optional locking sleeves.

**Material:** Medical-grade polycarbonate and polysulfone, USP Class VI, ADCF

**Tubing ID Sizes:** 3/8" to 1/2" (9.5mm to 12.7mm)



**SANITARY SERIES:** Attaches directly to 3/4", 1" and 1-1/2" sanitary terminations to provide greater flexibility for integrating components into single-use or hybrid process systems.

**Material:** Medical-grade polysulfone, USP Class VI, ADCF

**Termination Sizes:** 3/4", 1" and 1-1/2" sanitary



**SANIKUIK™:** Integral sanitary termination attaches to hard-plumbed systems with tri-clover clamps; permits quick and easy connection to single-use bag systems, manifolds or tube sets.

**Material:** 316L stainless steel

**Termination Sizes:** 3/4" and 1-1/2" sanitary



**MPU:** Larger flow twist-to-connect design features easy-to-use locking mechanism that guards against accidental disconnects.

**Material:** Medical-grade polysulfone, USP Class VI, ADCF

**Tubing ID Sizes:** 3/4" (19.0mm)







**HFC39:** Features sterile disconnect functionality with automatic shutoff valve, preventing external organisms from entering the media flow path upon disconnection.

**Material:** Medical-grade polysulfone, USP Class VI, ADCF

**Termination Sizes:** 1/4", 3/8" and 1/2" HB (6.4mm, 9.5mm, 12.7mm)



**ASEPTIQUIK® S:** Genderless design provides quick and easy sterile connections for small-flow applications.

**Material:** Medical-grade polycarbonate, USP Class VI, ADCF

**Termination Sizes:** 1/8", 1/4" and 3/8" HB (3.2mm, 6.4mm and 9.5mm), 3/4" sanitary and MPC insert



**ASEPTIQUIK® G:** Robust genderless connectors provide quick and easy sterile connections and simplify systems integration.

**Material:** Medical-grade polycarbonate, USP Class VI, ADCF

**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



**ASEPTIQUIK® C:** Provides a quick and easy sterile connection, even in non-sterile environments.

**Material:** Medical-grade polycarbonate, USP Class VI, ADCF

**Termination Sizes:** 3/8" and 1/2" HB (9.5mm and 12.7mm) and 3/4" sanitary



**ASEPTIQUIK® DC:** All-in-one, single-use connection technology offering both a sterile connect and a sterile disconnect.

**Material:** Medical-grade polycarbonate, USP Class VI, ADCF

**Termination Sizes:** 1/4", 3/8" and 1/2" HB (6.4mm, 9.5mm, 12.7mm)



**ASEPTIQUIK® X:** Robust large format design enables quick sterile transfer for high flow single-use applications.

**Material:** Medical-grade polycarbonate, USP Class VI, ADCF

**Termination Sizes:** 3/4" and 1" ID hose barb (19.0mm and 25.4mm) and 1-1/2" sanitary



**STEAM-THRU® CONNECTIONS:** Allow quick and easy sterile connection via SIP between biopharmaceutical processing equipment and disposable bag and tube assemblies.

**Material:** Medical-grade polysulfone, USP Class VI, ADCF

**Termination Sizes:** 3/8" and 1/2" HB (9.5mm and 12.7mm) and 3/4" sanitary



**ASEPTIQUIK® STC:** Allows a gendered or genderless AseptiQuik sterile connection to be steamed on to stainless equipment via SIP.

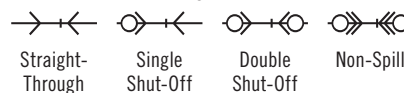
**Material:** Medical-grade polycarbonate and polysulfone, USP Class VI, ADCF





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Note: Product images may not be to scale

## High Purity Couplings

### DESCRIPTION

**CHEMQUIK® CQH06/CQV06:** All plastic design for ultra-pure media and high chemical resistance.

**Material:** Natural, virgin polypropylene and PVDF

**Tubing Sizes:** 1/4" to 1/2" flare; 3/8" to 3/4" NPT



Pictured: CQV06



**CHEMQUIK CQG06:** Spring-free and metal-free flow path for high flow capacity and non-spill, high purity connections.

**Material:** Natural, virgin polypropylene

**Tubing Sizes:** 3/8" to 3/4" flare; 3/8" to 3/4" NPT

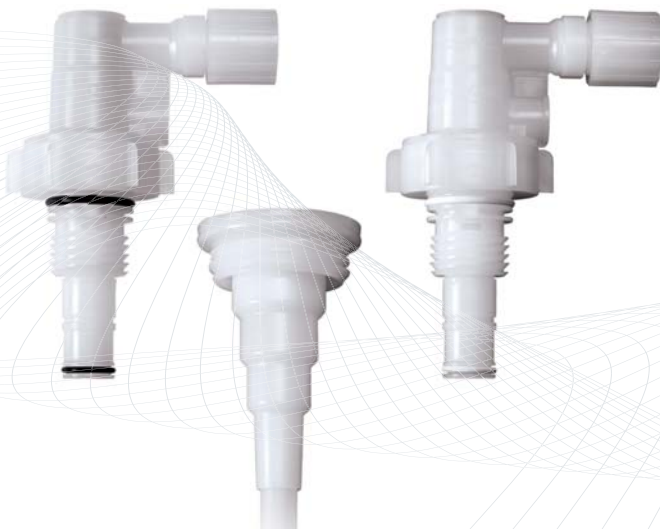


**CHEMQUIK DUAL CONTAINMENT SYSTEM:** Flare nuts and panel mount fittings that facilitate double containment of critical chemical lines.

**Material:** Natural, virgin polypropylene

## Dispensing Connectors

### PAGE | DESCRIPTION



**DRUMQUIK® PRO & DRUMQUIK PUR:** Closed chemical dispensing system with a reusable coupler and a recyclable dip-tube assembly for chemical extraction from drums, jerry cans and IBCs.

**Material:** Food grade, virgin polypropylene and polyethylene

**Thread Sizes:**

**Drum Inserts:** 2" American buttress, BCS 56x4 and 2" NPS (G8), 70mm for BCS 70x5 and BCS70x6

**Couplers:** 1/2" NPT, 3/4" hose barb and 3/4" BSPP

**DRUMQUIK ADAPTORS AND ACCESSORIES:** CPC offers many accessories intended for use with DrumQuik® PRO and DrumQuik PUR systems. These include vent check valves, foot valves, fittings and more.

## Dispensing Connectors (cont.)

### DESCRIPTION



**DRUMQUIK® 3-PORT UDA:** Used with 3/4" male NPT coupling terminations to adapt dip-tubes to standard drum closures for closed system dispensing.

**Material:** Food grade, virgin polypropylene

**Thread Sizes:** UDA 3-Port: 3/4" male NPT; UDA: none

**BOTTLE ADAPTOR KITS:** Intended for use on reagent bottles with SP400-38mm threads.

**Material:** Natural, virgin polypropylene

**Thread Sizes:** SP400-38mm

### DRUMQUIK ASIAN DRUM ADAPTORS, PLUGS AND CAPS



**UDC:** Provides closed connection to bag-in-box packaging with 38mm threaded and snap-in necks.

**Material:** Polypropylene and acetal

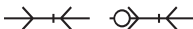
**Tubing ID Sizes:** 3/8" to 3/4" (9.5mm to 19.0mm)



**PUNCTURE SEAL:** Provides closed connection to Hedwin Cubitainer® bag-in-box container systems and flexible bags or bottles with SP400 38mm threads.

**Material:** Polypropylene (coupling) and polyethylene (cap)

**Tubing ID Sizes:** 1/4" and 3/8" (6.4mm and 9.5mm)



## Fittings, Luers, and Blood Pressure Connectors

### PAGE | DESCRIPTION



**FITQUIK® CONNECTORS:** High-quality fittings for leak-free tubing connections. These precision-molded fittings are designed to eliminate tubing leak points in applications such as medical devices, analytical instrumentation or air-driven equipment.

# REGULATORY AND COMPLIANCE

## ***ISO 13485:2003 Certification***

ISO 13485:2003 is recognized by regulators around the world as a good basis for addressing medical device design and manufacturing regulatory requirements. It allows us to enhance product safety by proactively identifying and managing product and project risks. Becoming ISO 13485:2003 certified has allowed us to better control the consistency of manufactured products.

## ***ISO 9001:2008 Certification***

ISO 9001:2008 is a standard which assures consistency of a product ordered by customers. Organizations having ISO 9001:2008 certification have demonstrated compliance to the ISO 9001:2008 requirements by an independent registration authority. CPC's Quality Management System has been approved and certified under the ISO 9001:2008 standard.

## ***Cleanroom Manufacturing***

CPC manufactures certain Life Sciences and Chemical Management product lines in a cleanroom certified by an external testing service to meet or exceed ISO Class 7 (10,000) at 0.5 mm per ISO 14644 and the former Federal Standard 209E. Certification data is available upon request.

## ***FDA and USDA***

The U.S. Food and Drug Administration publishes, through the Code of Federal Regulations, standardized criteria which govern the acceptability of materials used in food contact. The U.S. Department of Agriculture publishes similar standards that mirror FDA criteria. Neither agency approves or disapproves products for particular applications. Most of CPC's products are made using resins that comply with applicable FDA or USDA standards. When necessary, the standard o-ring seals are replaced with specific, recognized materials.

## ***REACH***

REACH is the Regulation for Registration, Evaluation, Authorisation and Restriction of Chemicals. It entered into force on 1st June 2007 to streamline and improve the former legislative framework on chemicals of the European Union (EU). REACH places greater responsibility on industry to manage the risks that chemicals may pose to the health and the environment. CPC publishes a list of CPC products that are compliant with the EU regulation 1907/2006.

## ***Regulation of Hazardous Substances***

The RoHS Directive stands for "the restriction of the use of certain hazardous substances in electrical and electronic equipment." This Directive bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants.

## ***NSF***

NSF International, based in Ann Arbor, Michigan, develops and publishes consensual criteria that govern the acceptability of materials and equipment used in food and beverage processing. They also do testing to verify the performance of materials or devices to their published criteria. CPC lists many of its product lines under the criteria of NSF/ANSI Standard 169 (formerly C-2), which governs components used in food and beverage contact applications.





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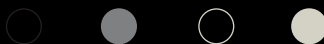
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CPC WARRANTY STATEMENT: CPC (Colder Products Company) warrants its products against defects in workmanship and materials for a period of 12 months from the date of sale by CPC to its initial customer (regardless of any subsequent sale of the products). This warranty is void if the product is misused, altered, tampered with or is installed or used in a manner that is inconsistent with CPC's written recommendations, specifications and/or instructions, or fails to perform due to normal wear and tear. CPC does not warrant the suitability of the product for any particular application. Determining product application suitability is solely the customer's responsibility. CPC is not liable for special, indirect, incidental, consequential or other damages including, but not limited to, loss, damage, personal injury, or any other expense directly or indirectly arising from the use of or inability to use its products either separately or in combination with other products. ALL OTHER WARRANTIES EXPRESS OR IMPLIED, WHETHER ORAL, WRITTEN OR IN ANY OTHER FORM, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY EXCLUDED. The sole and exclusive remedy under this warranty is limited, at the option of CPC, to replacement of the defective product or an account credit in the amount of the original selling price. All allegedly defective CPC products must be returned prepaid transportation to CPC, together with information describing the product's application and performance, unless otherwise authorized in writing by CPC.

CPC PATENT STATEMENT: CPC takes pride in its innovative quick disconnect coupling and fittings solutions, many of which have been awarded United States and international patents. CPC has a strong tradition of leadership in the quick disconnect market, and aggressively pursues and protects its proprietary information and intellectual property. In cases where it is practical and has a benefit to its customers, CPC has licensed its proprietary technology. Please contact CPC to discuss your unique needs.

CPC TRADEMARK STATEMENT: AseptiQuik®, BottleQuik®, BreakAway®, ChemQuik®, DrumQuik®, FitQuik®, IdentiQuik®, Nu-Seal®, SnapQuik®, Steam-Thru®, Softube® are registered trademarks with the U.S. Patent & Trademark Office. All other trademarks or service marks are property of their respective owners. WARNING: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of CPC. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.

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