



A  DOVER<sup>®</sup> COMPANY

**Smart fluid handling  
to take you forward, faster.**



## **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**

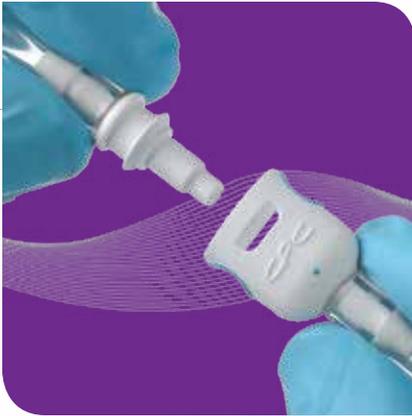
CPC meets or exceeds our customers' expectations. Everyone is involved, from our suppliers to our distribution network, and most importantly, our employees. CPC measures and continually improves our standards of product quality, support services and overall customer and employee satisfaction. CPC's Quality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

### **NEW PRODUCTS**

Exciting additions to CPC's product offering include:

- NS1 Series Connectors Page 24
- NS4 Series Connectors – Elbow Page 60
- LQ4 Series Connectors Page 62
- LQ6 Series Connectors Page 66
- BQ45GL Series Connectors Page 86
- Hybrid Connectors Page 88
- MPC/MPX Back-to-Back Insert Adapters Page 109
- Genderless AseptiQuik® G Connectors Page 122
- AseptiQuik® G STC Connectors Page 132

# OUR CAPABILITIES



CPC's engineered, custom solutions improve the overall functionality and design of the equipment and processes in which they are used. Special product features include precise hose barbs for superior grip, built-in shutoff valves to prevent product spills and an easy-to-use, push-button thumb latch for quick connecting and disconnecting.

CPC's patented Hybrid Connector technology platform eliminates misconnections by integrating electrical, fluid and gas lines into a single connection point. RFID-enabled IdentiQuik® couplings redefine what's possible for controlling, protecting and streamlining fluid handling processes. IdentiQuik technology allows the robust transfer of fluid and information to identify device type or connected media, verify line connection accuracy or capture fluid and product data. Specific applications for CPC connection technologies include:

## • LIFE SCIENCES

CPC's products are used across a broad range of medical devices and equipment, including surgical, dialysis, blood pressure monitoring, patient therapy devices, and in vitro diagnostics. A de facto standard in several applications, CPC connectors improve patient safety, prevent misconnections and increase the overall usability and effectiveness of medical devices. Medical device OEMs around the world choose CPC connectors because of our proven performance in the operating room, the life science lab and the home healthcare setting.

CPC is the leader in single-use connection technology for bioprocessing applications, offering a wide variety of solutions including sterile connect and sterile disconnect. Our innovative designs offer the flexibility to easily combine multiple components and systems including process containers, tubing manifolds, transfer lines, bioreactors and other bioprocess equipment. CPC's robust connectors maintain media sterility and integrity while improving production yields, reducing costs and decreasing time to market for biopharmaceutical manufacturers. Genderless connector technology simplifies the design process, reduces supply chain complexity and eases manufacturing integration for biopharmaceutical manufacturers.

## • SPECIALTY INDUSTRIAL

CPC's couplings and fittings are installed in thousands of product applications. Our broad offering appeals to product manufacturers in a wide range of industrial and consumer-based markets, including analytical instrumentation, printing and ink management, engine systems, biohazard detection equipment, electronic cooling and portable hydration systems.



## • CHEMICAL HANDLING

CPC's extensive options for chemically resistant quick disconnect fittings, closures, couplings, and chemical dispensing systems provide non-spill operation and improve the safety of chemical management environments. Applications include semiconductor, LCD, solar, pharmaceutical manufacturing and chemical management, pump, filter and de-ionized water connections, cleaning, soap and detergent dispensing, bulk ink management and consumer-based applications.

Closed-loop dispensing systems enable fast, easy and economic chemical extraction from drums, IBCs and jerry cans. These systems increase workplace safety and protect workers and the environment from hazardous leaks and spills.



## ENGINEERED SOLUTIONS WORLDWIDE

CPC innovates on the leading edge of what is possible and collaborates to develop the best solution for each customer. Many of CPC's standard couplings and fittings began as custom engineered solutions that found broader use in applicable markets. CPC delivers unmatched product design and quality with local engineering support in the United States, Europe and Asia. To date, CPC has produced over 10,500 custom and standard products to meet the fluid handling challenges of various industries worldwide.



# 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



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



**FIND A DISTRIBUTOR**

**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

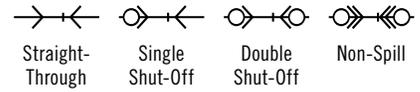


In-line filter



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Note: Product images may not be to scale

## General Purpose Couplings

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**18 SMC & SMF1:** Twist-to-connect design provides reliable and secure alternative to luer-type connections.  
**Material:** Acetal, polypropylene, ABS, chrome-plated brass  
**Tube ID Sizes:** 1/16" to 1/8" (1.6mm to 3.2mm)



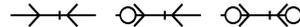
**22 SNAPQUIK®:** Small break away connector for low pressure applications. Unique internal latching mechanism creates a smooth streamlined exterior that is easy to use and clean.  
**Material:** Acetal  
**Tube ID Sizes:** 3/32" to 1/8" (2.4mm to 3.2mm)



**24 NS1:** Smallest plastic non-spill coupling features enable secure connection and drip-free disconnect.  
**Material:** Glass-filled polypropylene, PEEK®, polypropylene  
**Tube ID:** Microbore to 1/8" (Microbore to 3.2mm)



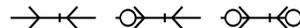
**26 PMC:** Features one-hand connection and disconnection and integral terminations; easier to use than ball-and-sleeve designs.  
**Material:** Acetal  
**Tube ID Sizes:** 1/16" to 1/4" (1.6mm to 6.4mm)



**30 PMC12:** Offered with a variety of configurations and chemical resistance for demanding applications; gamma sterilizable.  
**Material:** Polypropylene  
**Tube ID Sizes:** Microbore to 1/4" (Microbore to 6.4mm)



**34 MC:** Durable and able to withstand higher pressure and temperature; easy one-hand connection and disconnection.  
**Material:** Chrome-plated brass  
**Tube ID Sizes:** 1/8" to 1/4" (3.2mm to 6.4mm)



**38 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  
**Tube ID Sizes:** 1/8" to 1/4" (3.2mm to 6.4mm)



**40 PLC:** Widest selection of sizes and configurations offered; resistant to most mild chemical solutions.  
**Material:** Acetal  
**Tube ID Sizes:** 1/4" to 3/8" (6.4mm to 9.5mm)



**44 PLC12:** Materials of construction offer broad chemical resistance for demanding applications; gamma sterilizable.  
**Material:** Polypropylene  
**Tube ID Sizes:** 1/4" to 3/8" (6.4mm to 9.5mm)



# General Purpose Couplings

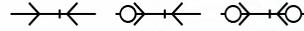
PAGE | DESCRIPTION



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

**Material:** Chrome-plated brass

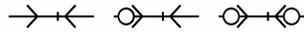
**Tubing ID Sizes:** 1/4" to 3/8" (6.4mm to 9.5mm)



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

**Material:** Acetal

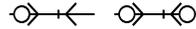
**Tubing ID Sizes:** 1/4" to 3/8" (6.4mm to 9.5mm)



**56 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)



**58 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)



**60 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)



**62 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)



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

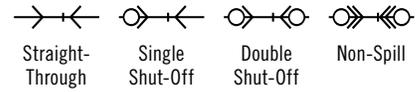
**Material:** Glass-filled polypropylene

**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

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**66 LQ6:** Liquid cooling non-spill coupling guarantees a secure, reliable connection and drippless disconnect.  
**Material:** Chrome-plated brass  
**Tubing ID Sizes:** 3/8" to 1/2" ID (9.5mm to 12.7mm ID)



**68 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)



**70 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)



**74 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)



**78 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



**80 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.)

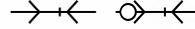
PAGE | DESCRIPTION



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

**Material:** Acetal, polypropylene

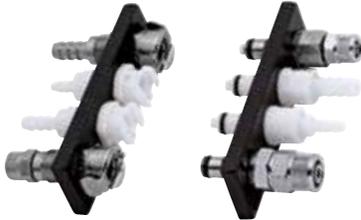
**Tubing ID Sizes:** 1/16" to 1/8" (1.6mm to 3.2mm)



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

**Material:** Acetal, ABS

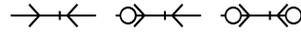
**Tubing ID Sizes:** 1/16" to 1/8" (1.6mm to 3.2mm)



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

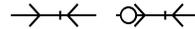
**Material:** Acetal, chrome-plated brass

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



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

**Material:** Polyethylene



**88 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



**90 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



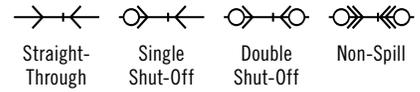
**92 INTELLIGENT FLUID CONNECTIONS:** Redefine what's possible for controlling, protecting and streamlining fluid handling with RFID-enabled couplings.

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



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## Life Sciences - Medical & Bioprocessing

PAGE | DESCRIPTION



- 102 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)  




- 104 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)  




- 106 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)  



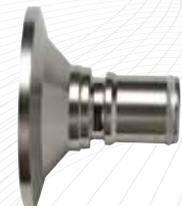

- 109 BACK-TO-BACK ADAPTERS:** Allow end users to connect single-use systems that may feature identical connections at the end of their tubing.  
**Material:** Medical-grade polycarbonate and polysulfone, USP Class VI, ADCF  




- 110 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)  




- 112 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  

- 114 SANIQUIK™:** 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  



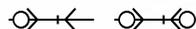

- 116 MPU:** Larger flow twist-to-connect design features easy-to-use locking mechanism that guards against accidental disconnects.  
**Material:** Medical-grade polysulfone, USP Class VI, ADCF  
**Tubing ID Sizes:** 3/4" (19.0mm)  




**118 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)



**120 ASEPTIQUICK® 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



**122 ASEPTIQUICK® 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



**124 ASEPTIQUICK® 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



**126 ASEPTIQUICK® 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)



**128 ASEPTIQUICK® 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



**130 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



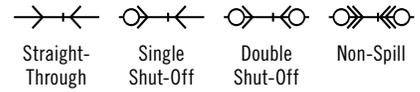
**132 ASEPTIQUICK® STC:** Allows a gendered or genderless AseptiQuik sterile connection to be steamed on to stainless equipment via SIP.

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



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## LEGEND



Note: Product images may not be to scale

## High Purity Couplings

PAGE | DESCRIPTION

- 138 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



- 140 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



- 141 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

- 142 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



- 145 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.)

PAGE | DESCRIPTION



**148 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



**150 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)



**152 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



**156 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.

## Additional Products and Information

PAGE | DESCRIPTION



**162 ACCESSORIES:** Offering includes a variety of ancillary components from fittings and luers to PTF nuts and dust caps.

**163 STERILIZATION AND DISINFECTANT METHODS**

**164 REGULATORY AND COMPLIANCE**