




CONNECTIONS for CHEMICAL HANDLING APPLICATIONS





CPC is the leading provider of quick disconnect couplings and fittings for chemical handling and chemical packaging. Used in a broad range of applications, innovative coupling and connection technologies from CPC allow flexible tubing to be quickly connected and disconnected. CPC makes people's lives better by developing innovative high quality products that make fluid handling safe and easy.

CPC's wide range of chemically resistant quick disconnect couplings and DrumQuik® closed chemical dispensing systems provide non-spill operation and improve employee and environmental safety in chemical management environments. Applications include water treatment, janitorial and sanitation, Diesel Exhaust Fluid (DEF) dispensing, semiconductor and pharmaceutical manufacturing as well as pump, filter and de-ionized water connections.

DrumQuik PRO systems create a closed transfer system for general chemicals. Rugged and cost-effective DrumQuik dispensing systems minimize chemical exposure and facilitate the delivery of chemicals from bulk transfer containers to end use applications. For high purity applications, DrumQuik PUR provides the assurance of chemical compatibility and cleanroom assembly for contamination prevention.

CQH/CQV SERIES CONNECTOR



The CQH and CQV Series are designed for high-purity use and feature all plastic construction. Molded, virgin materials and lubricant-free design enable use in the most demanding applications. Broad chemical compatibility and cleanroom manufacturing make them ideal for use in critical wet processes.

FEATURES

100% metal free

High flow valve design

Disconnect under pressure

Polypropylene and PVDF

BENEFITS

No risk of metal contaminants or corrosion

High flow in a compact package

Speeds servicing and reduces risk of injury

Broad chemical compatibility

Specifications

CQH PRESSURE:

0 - 80 psig (0 - 5.5 bar)

CQH TEMPERATURE:

32°F to 225°F (0°C to 107°C)

CQH MATERIALS:

Main components: Natural, virgin polypropylene

Valve o-rings: FKM (black)

External insert o-ring: Simriz® FFKM perfluoro black)

Valve (wetted) and thumb latch spring: PEEK®

Flare nuts: PVDF

Lubricants: None used

CQV PRESSURE: 0 - 80 psig (0 - 5.5 bar)

CQV TEMPERATURE:

0°F to 225°F (-18°C to 107°C)

CQV MATERIALS:

Main components: Natural, virgin PVDF

Valve o-rings: Chemraz FFKM perfluoro (white)

External insert o-ring: Chemraz FFKM perfluoro (white)

Valve (wetted) and thumb latch spring: PEEK

Flare nuts: PVDF

Lubricants: None used

SPILLAGE/AIR INCLUSION:

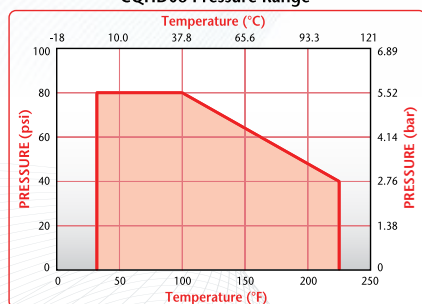
~1.5 cc (ml)/disconnect (reconnect)

TUBING SIZES:

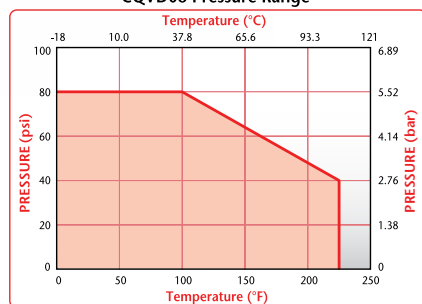
1/4" to 1/2" flare; 3/8" to 3/4" NPT

NOTE: CQH & CQV are also available with optional PPS springs and Chemraz FFKM or EPDM seals.

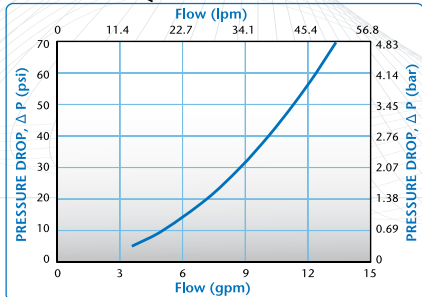
CQHD06 Pressure Range



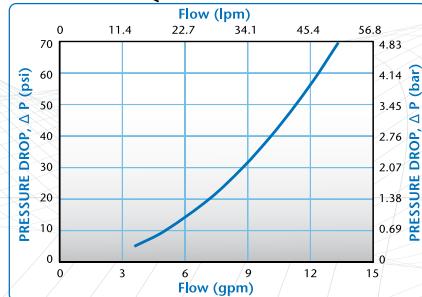
CQVD06 Pressure Range



CQHD06 Water Flow



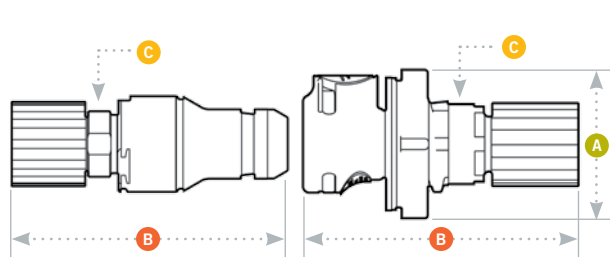
CQVD06 Water Flow



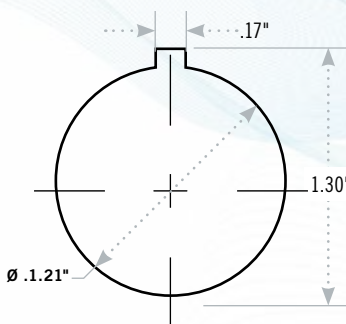
These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.

See page 141 for ChemQuik Dual Containment Nut options.

CQH/CQV SERIES CONNECTOR DIMENSIONS



- A** = Height/Diameter
- B** = Total Length (including valve)
- C** = Hex Size on Main Component



Gasket Thickness: .06"
 Mounting Hole: 1.21" diameter
 Coupling Spacing: 1.92" minimum
 Panel Thickness: .25"

| | PANEL OPENING | PANEL THICKNESS MAX.-MIN. |
|-----------------|---------------|---------------------------|
| COUPLING BODIES | see drawing | .25 - .03 |

CQH Coupling Bodies • POLYPROPYLENE

| TERMINATION | TUBING/THREAD SIZE | TERMINATION TYPE | SHUTOFF | A | B | C |
|-------------|--------------------|-------------------|--------------|------|------|------|
| IN-LINE | 1/4" OD | Flare compression | CQHD06100104 | 1.44 | 3.32 | |
| | 3/8" OD | Flare compression | CQHD06100106 | 1.44 | 3.38 | |
| | 1/2" OD | Flare compression | CQHD06100108 | 1.44 | 3.38 | |
| | 3/8" Taper | Male NPT | CQHD06100206 | 1.44 | 2.73 | 1.00 |
| PANEL MOUNT | 1/4" OD | Flare compression | CQHD06110104 | 1.82 | 3.32 | |
| | 3/8" OD | Flare compression | CQHD06110106 | 1.82 | 3.38 | |
| | 1/2" OD | Flare compression | CQHD06110108 | 1.82 | 3.37 | |
| | 3/8" Taper | Male NPT | CQHD06110206 | 1.82 | 2.73 | 1.00 |

CQH Coupling Inserts • POLYPROPYLENE

| TERMINATION | TUBING/THREAD SIZE | TERMINATION TYPE | SHUTOFF | A | B | C |
|-------------|--------------------|-------------------|--------------|------|------|------|
| IN-LINE | 1/4" OD | Flare compression | CQHD06200104 | 1.00 | 2.49 | |
| | 3/8" OD | Flare compression | CQHD06200106 | 1.00 | 2.55 | |
| | 1/2" OD | Flare compression | CQHD06200108 | 1.00 | 2.56 | |
| | 3/8" Taper | Male NPT | CQHD06200206 | 1.16 | 1.90 | 1.00 |
| | 3/4" Taper | Male NPT | CQHD06200212 | 1.16 | 2.26 | 1.00 |

CQV Coupling Bodies • PVDF

| TERMINATION | TUBING/THREAD SIZE | TERMINATION TYPE | SHUTOFF | A | B | C |
|-------------|--------------------|-------------------|--------------|------|------|------|
| IN-LINE | 1/4" OD | Flare compression | CQVD06100104 | 1.44 | 3.31 | |
| | 3/8" OD | Flare compression | CQVD06100106 | 1.44 | 3.38 | |
| | 1/2" OD | Flare compression | CQVD06100108 | 1.44 | 3.37 | |
| | 3/8" Taper | Male NPT | CQVD06100206 | 1.44 | 2.70 | 1.00 |
| PANEL MOUNT | 1/4" OD | Flare compression | CQVD06110104 | 1.82 | 3.24 | |
| | 3/8" OD | Flare compression | CQVD06110106 | 1.82 | 3.38 | |
| | 1/2" OD | Flare compression | CQVD06110108 | 1.82 | 3.37 | |
| | 3/8" Taper | Male NPT | CQVD06110206 | 1.82 | 2.70 | 1.00 |

CQV Coupling Inserts • PVDF

| TERMINATION | TUBING/THREAD SIZE | TERMINATION TYPE | SHUTOFF | A | B | C |
|-------------|--------------------|-------------------|--------------|------|------|------|
| IN-LINE | 1/4" OD | Flare compression | CQVD06200104 | 1.00 | 2.41 | |
| | 3/8" OD | Flare compression | CQVD06200106 | 1.00 | 2.57 | |
| | 1/2" OD | Flare compression | CQVD06200108 | 1.00 | 2.57 | |
| | 3/8" Taper | Male NPT | CQVD06200206 | 1.16 | 1.89 | 1.00 |

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters.

CQG SERIES CONNECTOR



The CQG06 Series high purity couplings feature our patented pressure-balanced, non-spill design. Molded virgin polypropylene and a 100% springless flow path provide broad chemical resistance and exceptionally high flow capacity, allowing instant disconnects (and reconnects), even under pressure.

FEATURES

Non-spill design

Pressure-balanced

Springless flow path design

BENEFITS

Ultimate protection from chemicals and fumes

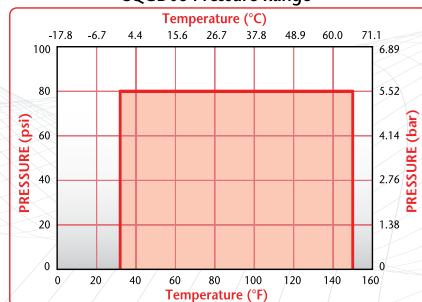
Failsafe disconnect, even under pressure; easy to reconnect at high pressure

Eliminates source of metallic contaminants

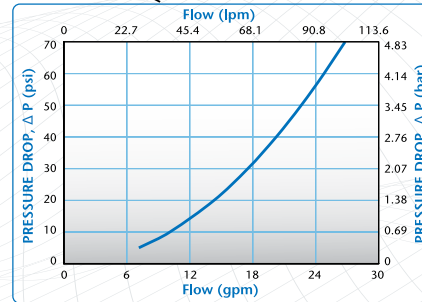


These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.

CQGD06 Pressure Range



CQGD06 Water Flow



Specifications

PRESSURE:

0 - 80 psig (0 - 5.5 bar)

TEMPERATURE:

32°F to 150°F (0°C to 66°C)

MATERIALS:

Main components:

Natural, virgin polypropylene

Seals: FKM (Simriz® FFKM optional)

Springs (non-wetted): Hastelloy® C

Flare nuts: PVDF

Lubricants: None used

Dual Containment Nut and Panel Mount Fitting:

Virgin, natural polypropylene

Flare nuts: PVDF

Panel nuts: HDPE

Panel mount o-rings: FKM

SPILLAGE/AIR INCLUSION:

<0.1 cc (ml)/disconnect (reconnect)

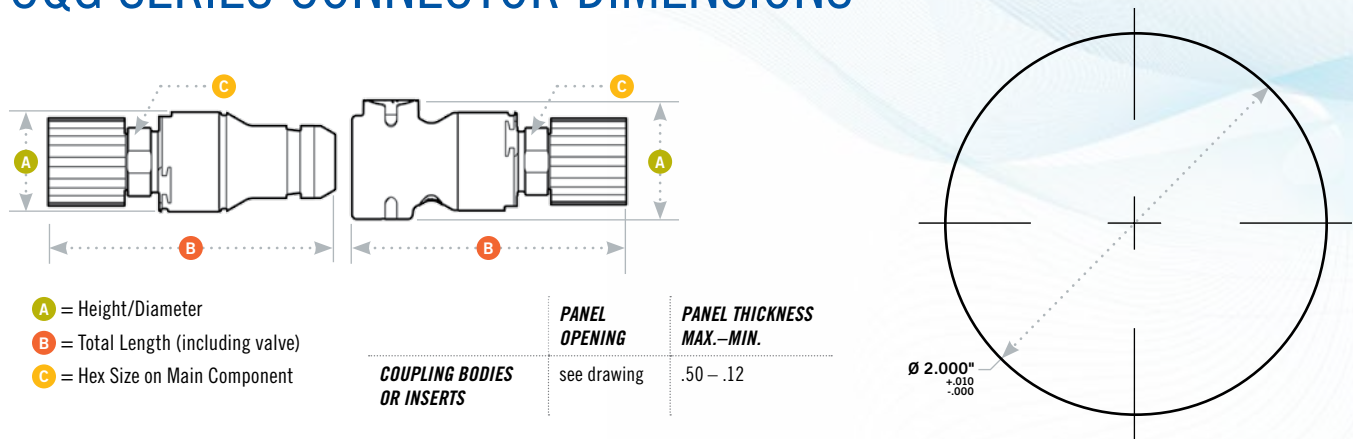
PANEL MOUNT: Optional adapter kit

TUBING SIZES:

3/8" to 3/4" flare; 3/8" to 3/4" NPT

WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.

CQG SERIES CONNECTOR DIMENSIONS



Coupling Bodies • POLYPROPYLENE

| TERMINATION IN-LINE | TUBING/THREAD SIZE | TERMINATION TYPE | SHUTOFF | A | B | C |
|------------------------|--------------------|-------------------|--------------|------|------|------|
| | 3/8" OD | Flare compression | CQGD06100106 | 1.96 | 4.21 | |
| | 1/2" OD | Flare compression | CQGD06100108 | 1.96 | 4.42 | |
| | 3/4" OD | Flare compression | CQGD06100112 | 1.96 | 4.49 | |
| | 1/2" Taper | Male NPT | CQGD06100208 | 1.96 | 3.81 | 1.00 |

Coupling Inserts • POLYPROPYLENE

| TERMINATION IN-LINE | TUBING/THREAD SIZE | TERMINATION TYPE | SHUTOFF | A | B | C |
|------------------------|--------------------|-------------------|---------------|------|------|------|
| | 3/8" OD | Flare compression | CQGD06200106 | 1.62 | 4.35 | |
| | 1/2" OD | Flare compression | CQGD06200108 | 1.62 | 4.45 | |
| | 3/4" OD | Flare compression | CQGD06200112 | 1.62 | 4.63 | |
| | 3/8" Taper | Male NPT | CQGD06200206± | 1.62 | 3.81 | 1.00 |
| | 1/2" Taper | Male NPT | CQGD06200208 | 1.62 | 3.95 | 1.00 |
| | 3/4" Taper | Male NPT | CQGD06200212± | 1.62 | 4.15 | 1.00 |

Panel Mount Adaptor • POLYETHYLENE

| DESCRIPTION | PART NO. |
|--|--------------|
| Panel mount adapter kit (fits both bodies & inserts) | CQG06PMKIT01 |

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters.

ChemQuik® Dual Containment Flare Nuts • POLYPROPYLENE



The ChemQuik® Dual Containment System is an easy way to "double contain" critical chemical lines, protecting plant and personnel in case a primary process line ruptures or "sweats". The system provides a protective secondary line to catch any fluid and routes it to a safe location.

These fittings work with any ChemQuik coupling with fine thread flare terminations or a common flare style fitting. In addition, the panel mount version can be mounted into a pump cabinet or other panel mount connection point. The primary line can then be routed from the coupling directly to a pump, connected to a ChemQuik coupling at the panel mount fitting.

The "weep port" serves to vent the area between the primary and secondary lines so that pressure cannot build up in case of a primary line rupture. The leaking fluid can then be routed to a containment vessel or to a leak detector.

| FLARE NUT | DESCRIPTION |
|-------------|--|
| CQDCNUT0408 | Dual containment nut, 1/4" OD process line x 1/2" OD secondary containment line. |
| CQDCNUT0612 | Dual containment nut, 3/8" OD process line x 3/4" OD secondary containment line. |
| CQDCNUT0812 | Dual containment nut, 1/2" OD process line x 3/4" OD secondary containment line. |
| CQDCNUT1216 | Dual containment nut, 3/4" OD process line x 1" OD secondary containment line. |

| FLARE FITTING | DESCRIPTION |
|---------------|--|
| CQPMDCNUT0408 | Panel mount dual containment nut, 1/4" OD Process line x 1/2" OD secondary containment line. |
| CQPMDCNUT0612 | Panel mount dual containment nut, 3/8" OD Process line x 3/4" OD secondary containment line. |
| CQPMDCNUT0812 | Panel mount dual containment nut, 1/2" OD Process line x 3/4" OD secondary containment line. |
| CQPMDCNUT1216 | Panel mount dual containment nut, 3/4" OD Process line x 1" OD secondary containment line. |

DRUMQUIK PRO / DRUMQUIK PUR

DrumQuik Dispensing Systems for Safer Chemical Management

Whether you're dispensing edible oils, condiments, detergents, specialty automotive fluids, or industrial chemicals, acids, caustics or solvents, DrumQuik PRO and the high purity DrumQuik PUR can make your process cleaner, faster, safer and smarter.

- Provide the critical connection between your chemical container and the end use process
- Create a closed transfer system to protect workers and keep a cleaner work environment

DrumQuik solutions are available for a variety of container types providing interchangeable, reusable connections for:

- Plastic or steel drums
- Chemical packs
- IBCs or totes

Note: For high purity applications DrumQuik PUR provides the assurance of compatibility with chemicals used in semiconductor and flat panel production, pharmaceutical and photovoltaic or solar cell manufacturing.

DrumQuik® PRO and DrumQuik PUR dispensing systems are used with common pumps to create a closed transfer system for both general and high purity chemicals. These easy-to-use products meet the strict safety requirements of chemical handling applications as well as the demands of harsh operating environments. DrumQuik dispensing systems minimize chemical exposure and facilitate the delivery of chemicals from bulk transfer containers to end use applications.

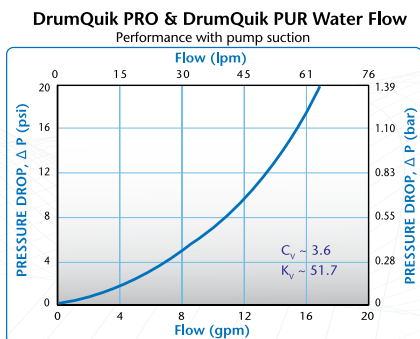
For general chemical dispensing, DrumQuik PRO offers a rugged and cost-effective solution. DrumQuik PUR is a 100% metal-free, cleanroom packaged, PVDF product designed specifically for applications demanding the highest level of purity. All materials are compliant with FDA standards for food and consumables applications.

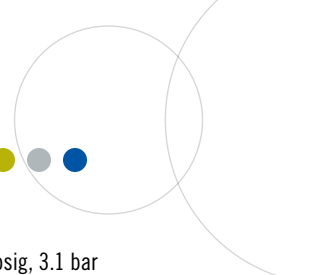
The DrumQuik PRO dispensing system has been UN/DOT certified with many common drums and IBCs for use with hazardous chemicals per 49 CFR 173 and German BAM 11027.

Made from virgin materials compliant with FDA and ROHS standards.



This graph characterizes the flow of the DrumQuik PRO with the coupler vent port open to the atmosphere and a pump drawing liquid out.





Specifications ● ● ●

PRESSURE:

Uncoupled: Vacuum to 45 psig, 3.1 bar

Coupled: Vacuum to drum rating

TEMPERATURE:

Drum insert: -20°F to 120°F (-20°C to 49°C)

Coupler: HDPE, 32°F to 120°F (0°C to 49°C)
PVDF, 0°F to 120°F (-18°C to 49°C)

MATERIALS:

Drum insert & dip-tube:
Virgin polyethylene (HDPE)

Shipping plug:
Virgin polyethylene (HDPE)

Coupler:
Virgin polypropylene (DrumQuik PRO)
Virgin PVDF (DrumQuik PUR)

Spring (coupler only):
316 stainless steel, Hastelloy® C, virgin PEEK
UHP, PPS or PTFE encapsulated 316 stainless steel (TESS)

Seals:
Coupler seals: EPDM, FKM, Simriz® UHP
FFKM Perfluoroelastomer

Bung seal: Polyolefin, EPDM, FKM

Shipping plug seal: EPDM, FKM

Torque specifications:
2" Buttress - 20ft-lbs (27 N m)
BCS 56x4 - 20ft-lbs (27 N m)
2" NPS (plastic drum) - 20ft-lbs (27 N m)
2" NPS (steel drum) - 15ft-lbs (20 N m)
Shipping plug - 15inch-lbs (1.7 N m)

NOTE: The torque specifications listed above are general recommendations which may need to be adjusted + or - depending on specific application.



DrumQuik® PRO and DrumQuik PUR are changing the world of chemical management with their unique closed-system design. Innovative DrumQuik systems help companies reduce costs, increase worker safety and protect the environment. From basic chemical handling to specialty high purity and pharmaceutical applications, DrumQuik dispensing systems make chemical management cleaner, faster, safer and smarter.

DrumQuik PRO

FEATURES

Quick connect/disconnect

Automatic shutoff valve

Disposable drum insert

Ported vent system
for vapor management

Multiple standard thread sizes

BENEFITS

Allows faster drum change-outs

Stops flow when disconnected

Reduces messy handling and
chemical exposure

Allows make-up air into drum or
connection of blanket gas (N₂, CO₂)

Can be used with many common
steel and plastic containers

DrumQuik PUR

FEATURES

Quick connect/disconnect

All plastic construction

Automatic shutoff valve

Cleanroom manufactured

Disposable drum insert

BENEFITS

Allows faster drum change-outs

No metallic corrosion/contamination

Stops flow when disconnected

Assures high level of purity

Minimizes chemical exposure &
contamination

Couplers • POLYPROPYLENE

| DRUMQUIK PRO | PART NUMBER | DESCRIPTION |
|--------------|----------------|---|
| | DQPRO120312 | 3/4" Hose barb (EPDM seals, 316 SST spring) |
| | DQPRO120208 | 1/2" Male NPT (EPDM seals, 316 SST spring) |
| | DQPRO120208202 | 1/2" Male NPT (FKM seals, 316 SST spring) |
| | DQPRO120208206 | 1/2" Male NPT (EPDM seals, Hastelloy C spring) |
| | DQPRO120208207 | 1/2" Male NPT (FKM seals, Hastelloy C spring) |
| | DQPRO120712 | 3/4" Male BSPP (EPDM seals, 316 SST spring) |
| | DQPRO120712202 | 3/4" Male BSPP (FKM seals, 316 SST spring) |
| | DQPRO120712206 | 3/4" Male BSPP (EPDM seals, Hastelloy C spring) |
| | DQPRO120712207 | 3/4" Male BSPP (FKM seals, Hastelloy C spring) |

Couplers • PVDF

| DRUMQUIK PUR | PART NUMBER | DESCRIPTION |
|--------------|----------------|--|
| | DQPUR120112 | FKM liquid contact seals, FKM vent seal, PEEK plastic spring |
| | DQPUR120112203 | Simriz® FFKM liquid contact seals, FKM vent seal, PEEK plastic spring |
| | DQPUR120112208 | FKM liquid contact seals, FKM vent seal, PPS plastic spring |
| | DQPUR120112209 | Simriz FFKM liquid contact seals, FKM vent seal, PPS plastic spring |
| | DQPUR120112210 | FKM liquid contact seals, FKM vent seal, PTFE encapsulated 316 stainless steel (TESS) spring |
| | DQPUR120112211 | Simriz FFKM liquid contact seals, FKM vent seal, PTFE encapsulated 316 stainless steel (TESS) spring |

Drum Inserts • POLYETHYLENE (HDPE)

| DRUMQUIK PRO & DRUMQUIK PUR | PART NUMBER | DESCRIPTION |
|-----------------------------|-------------------|--|
| | DQPRO20BCS70 | 70mm thread, EPDM seals (70x6 and 70x5 plastic drums) |
| | DQPRO20BSC70202 | 70mm thread, FKM seals (70x6 and 70x5 plastic drums) |
| | DQPRO202BUT | 2" American buttress thread, EPDM seals (No. Am. Plastic drums) |
| | DQPRO202BUT202 | 2" American buttress thread, FKM seals (No. Am. Plastic drums) |
| | DQPRO2056X4 | BCS 56x4 thread, EPDM seals (European plastic drums) |
| | DQPRO2056X4202 | BCS 56x4 thread, FKM seals (European plastic drums) |
| | DQPRO20G2NPSST | 2" NPS (ISO G2) thread, EPDM seals (steel drums and IBC caps) |
| | DQPRO20G2NPSST202 | 2" NPS (ISO G2) thread, FKM seals (steel drums and IBC caps) |
| | DQPRO20G2NPSPL | 2" NPS (ISO G2) thread, EPDM flat bung seal (plastic drums and IBC caps) |
| | DQPRO20G2NPSPL202 | 2" NPS (ISO G2) thread, FKM flat bung seal (plastic drums and IBC caps) |
| | DQPUR202BUT | 2" American buttress thread, Polyolefin (POE) bung seal, EPDM shipping plug seal |
| | DQPUR202BUT202 | 2" American buttress thread, Polyolefin (POE) bung seal, FKM shipping plug seal |

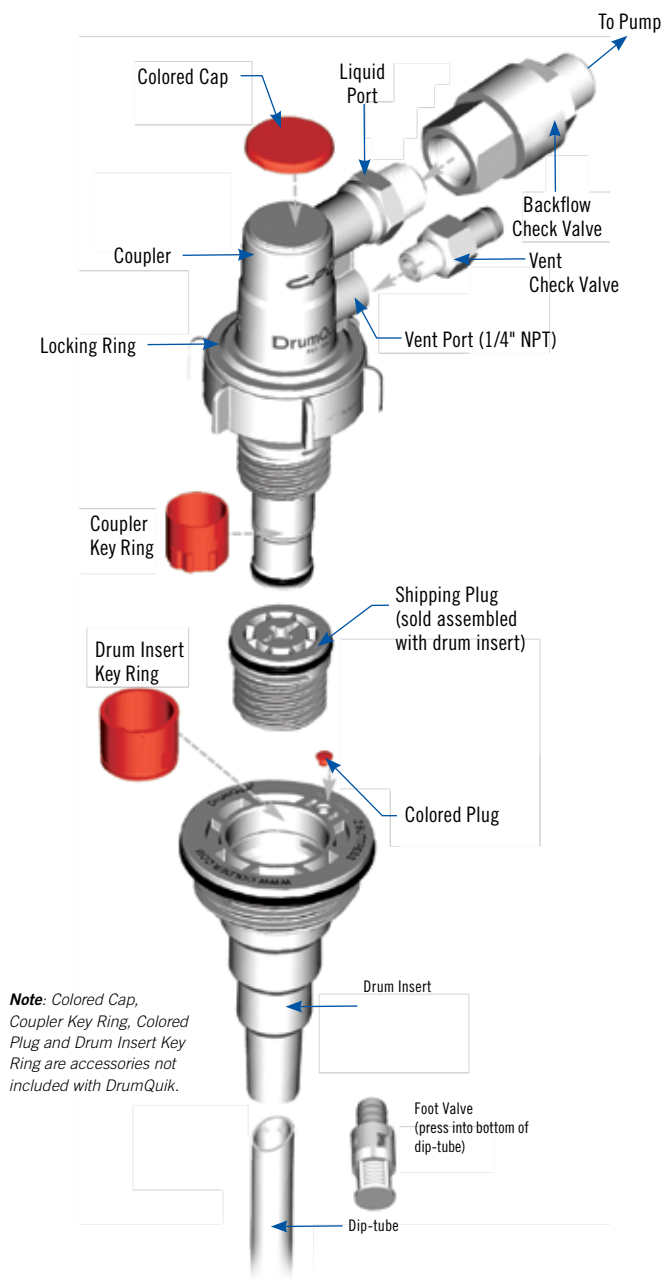
Dip-Tubes • POLYETHYLENE (HDPE)

| DRUMQUIK PRO & PUR | PART NUMBER | DESCRIPTION |
|--------------------|-------------|---|
| | DQPRODT0410 | 13.0" (330mm) long for 5 gal/25L jerry cans |
| | DQPRODT0985 | 35.5" (905mm) long for 55 gal/200L drums |
| | DQPRODT1070 | 39.0" (990mm) long for 275 gal/1040L IBCs |
| | DQPRODT1274 | 47.0" (1194mm) long for 330 gal/1250L IBCs |
| | DQPURDT0410 | 13.0" (330mm) long for 5 gal/25L jerry cans |
| | DQPURDT0985 | 35.5" (905mm) long for 55 gal/200L drums |
| | DQPURDT1070 | 39.0" (990mm) long for 275 gal/1040L IBCs |
| | DQPURDT1274 | 47.0" (1194mm) long for 330 gal/1250L IBCs |

Assembled Drum Inserts & Dip-Tubes

| DRUMQUIK PUR | PART NUMBER | DESCRIPTION |
|--------------|---------------|--|
| | DQPUR2BUT0410 | Drum insert assembly, NAMPAC square jerry can, 20L, 330mm long (from sealing surface) |
| | DQPUR2BUT0985 | Drum insert assembly with universal dip-tube (drum), 905mm long (from sealing surface) |
| | DQPUR2BUT1070 | Drum insert assembly with universal dip-tube (drum), 990mm long (from sealing surface) |
| | DQPUR2BUT1274 | Drum insert assembly with universal dip-tube (IBC), 1194mm long (from sealing surface) |

DrumQuik® PRO & PUR Dispensing Connector System



Note: Colored Cap, Coupler Key Ring, Colored Plug and Drum Insert Key Ring are accessories not included with DrumQuik.

VAPOR MANAGEMENT OPTIONS:

1. **OPEN:** Vent port left open to atmosphere
2. **REMOTE:** Vent port routed to fume hood, scrubber or vapor recovery system
3. **CHECKED:** Connect vent check valve to allow make-up air in without allowing fumes to escape
4. **BLANKET GAS:** Connect a CPC quick disconnect coupling for blanket gas (N₂, CO₂)
5. **FILTERED:** Connect vent filter

DRUMQUIK PRO / DRUMQUIK PUR ACCESSORIES

Color Coding and Keying Options

• COLORED KEY KITS FOR PHYSICAL CODING: POLYETHYLENE

| DQPRO PART NUMBER | DQPUR PART NUMBER | DESCRIPTION |
|---|-------------------|---|
| DQPROKEYCPGRY00 | DQPURKEYCPGRY00 | Key kit for coupler, gray |
| DQPROKEYCPRED01 | DQPURKEYCPRED01 | Key kit for coupler, red |
| DQPROKEYCPYEL02 | DQPURKEYCPYEL02 | Key kit for coupler, yellow |
| DQPROKEYCPGRN03 | DQPURKEYCPGRN03 | Key kit for coupler, green |
| DQPROKEYCPBRN04 | DQPURKEYCPBRN04 | Key kit for coupler, brown |
| DQPROKEYCPBLU05 | DQPURKEYCPBLU05 | Key kit for coupler, blue |
| DQPROKEYCPBLK99 | DQPURKEYCPBLK99 | Key kit for coupler, black |
| DQPROKEYCPCOMBO | DQPURKEYCPCOMBO | One of every coupler key ring and cap |
| <i>Key kits for coupler include coupler key ring and cap.</i> | | |
| DQPROKEYDIRED01 | DQPURKEYDIRED01 | Key kit for drum insert, red |
| DQPROKEYDIYEL02 | DQPURKEYDIYEL02 | Key kit for drum insert, yellow |
| DQPROKEYDIGRN03 | DQPURKEYDIGRN03 | Key kit for drum insert, green |
| DQPROKEYDIBRN04 | DQPURKEYDIBRN04 | Key kit for drum insert, brown |
| DQPROKEYDIBLU05 | DQPURKEYDIBLU05 | Key kit for drum insert, blue |
| DQPROKEYDIBLK99 | DQPURKEYDIBLK99 | Key kit for drum insert, black |
| DQPROKEYDICOMBO | DQPURKEYDICOMBO | One of every drum insert key ring and button plug |
| <i>Key kits for drum insert include drum insert key ring and button plug.</i> | | |

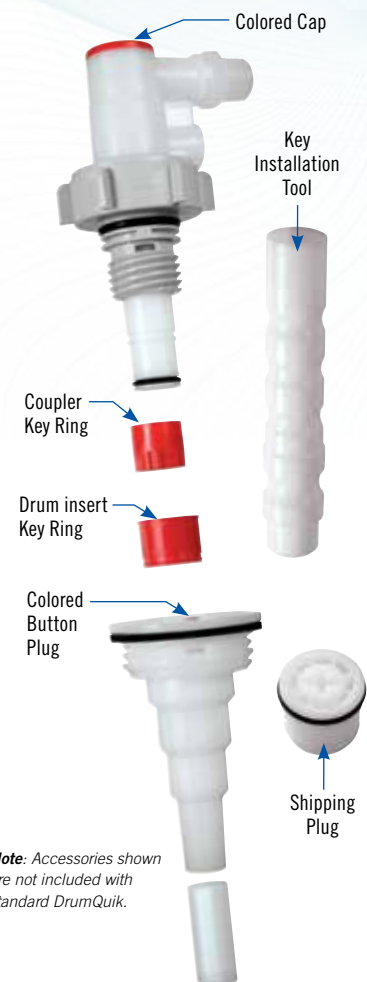
Color Coded Parts

• COLORED CAPS & BUTTON PLUGS FOR VISUAL CODING: POLYETHYLENE

| PART NUMBER | DESCRIPTION |
|----------------|---|
| DQPROCAPGRY00 | Colored cap for coupler, gray |
| DQPROCAPRED01 | Colored cap for coupler, red |
| DQPROCAPYEL02 | Colored cap for coupler, yellow |
| DQPROCAPGRN03 | Colored cap for coupler, green |
| DQPROCAPBRN04 | Colored cap for coupler, brown |
| DQPROCAPBLU05 | Colored cap for coupler, blue |
| DQPROCAPBLK99 | Colored cap for coupler, black |
| DQPROCAPCOMBO | One each of every color cap |
| DQPROPLUGGRY00 | Colored button plug for drum insert, gray |
| DQPROPLUGRED01 | Colored button plug for drum insert, red |
| DQPROPLUGYEL02 | Colored button plug for drum insert, yellow |
| DQPROPLUGGRN03 | Colored button plug for drum insert, green |
| DQPROPLUGBRN04 | Colored button plug for drum insert, brown |
| DQPROPLUGBLU05 | Colored button plug for drum insert, blue |
| DQPROPLUGBLK99 | Colored button plug for drum insert, black |
| DQPROPLUGCOMBO | One each of every color plug |

Note: Colored caps and button plugs can be used with both DrumQuik PRO and DrumQuik PUR.

DrumQuik® PRO & PUR Key Kits



Note: Accessories shown are not included with standard DrumQuik.

Color Coding



DRUMQUIK PRO / DRUMQUIK PUR ACCESSORIES

Tools



- 1 Fully press dip-tube into drum insert socket.



- 2 Place the drum insert assembly in drum.



- 3 Turn shipping plug counterclockwise to remove. (Use a large, flat blade or #4 Phillips screwdriver.)



- 4 Insert coupler into drum insert assembly.



- 5 Turn the coupler locking ring clockwise until stop is reached (approximately 2 full turns); valve is opened during this process.

PART NUMBER

DESCRIPTION

| | |
|-----------|---|
| 2408900 | Torque socket tool (blue, glass-filled nylon) |
| 2479100 | Bung wrench (aluminum) |
| 2375600 | Key installation tool for key kits (Shipping plug may also be used to install keys) |
| DQPURFT08 | Flaring Tool, 1/2" tubing |
| DQPURFT12 | Flaring Tool, 3/4" tubing |

Sample Kits (Includes one coupler, one insert and one dip-tube)

PART NUMBER

DESCRIPTION

| | |
|-------------------|---|
| DQPRONASAMP | 2" Buttress drum insert, 905mm dip-tube, 1/2 NPT coupler (EPDM O-rings, 316 SST spring in coupler) |
| DQPRONASAMP207 | 2" Buttress drum insert, 905mm dip-tube, 1/2 NPT coupler (FKM seals & Hastelloy® C spring in coupler) |
| DQPROEUSAMP | BSC 56x4 drum insert, 905mm dip-tube, 3/4 BSPP coupler (EPDM seals, 316 SST spring in coupler) |
| DQPROEUSAMP207 | BSC 56x4 drum insert, 905mm dip-tube, 3/4 BSPP coupler (FKM seals & Hastelloy® C spring in coupler) |
| DQPRONPSSTSAMP | 2" NPS (ISO G2) drum insert, 905mm dip-tube, 1/2 NPT coupler (EPDM Bung O-rings, 316 SST spring in coupler) |
| DQPRONPSSTSAMP207 | 2" NPS (ISO G2) drum insert, 905mm dip-tube, 1/2 NPT coupler (FKM seals & Hastelloy® C spring in coupler) |
| DQPRONPSLSAMP | 2" NPS (ISO G2) drum insert, 905mm dip-tube, 1/2 NPT coupler (EPDM Flat Gasket, 316 SST Spring) |
| DQPRONPSLSAMP207 | 2" NPS (ISO G2) drum insert, 905mm dip-tube, 1/2 NPT coupler (FKM seals & Hastelloy® C spring in coupler) |
| DQPURSAMP202 | Kit includes 1 Coupler (DQPUR 12 0112 (PEEK® & FKM) & 1 assembled Dip-tube (DQPUR 2BUT 0985 202) |
| DQPURSAMP209 | Kit includes 1 Coupler (DQPUR 12 0112 209 (PPS & Simriz®) & 1 Dip-tube assy. (DQPUR 2BUT 0985 202) |

Shipping Plugs

PART NUMBER

DESCRIPTION

| | |
|------------------|--|
| DQPROPUMPAD | Internal 3/4 NPT Thread pump adaptor shipping plug (HDPE, EPDM) |
| DQPROPUMPAD202 | Internal 3/4 NPT Thread pump adaptor shipping plug (HDPE, FKM) |
| DQPRPUMPAD202 | Extended shipping plug for venting internal pressure from |
| DQPROSHPLUGEX | drum (HDPE, EPDM) |
| DQPROSHPLUGEX202 | Extended shipping plug for venting internal pressure from drum (HDPE, FKM) |
| 2007900 | Shipping plug for drum insert (Does not include shipping plug o-ring) |
| 2290100 | Shipping plug o-ring, EPDM |
| 2307200 | Shipping plug o-ring, FKM |
| DQPURSP | Shipping Plug with EPDM seal |
| DQPURSP202 | Shipping Plug with FKM seal |

Sample Kits (Includes one coupler, one insert and one dip-tube)

PART NUMBER

DESCRIPTION

| | |
|----------------|---|
| DQPURDISEALPOE | Drum insert POE bung seal |
| DQPURDISEALFEP | Drum insert FEP encapsulated silicone bung seal |
| DQPURCPSEALFKM | Coupler seal kit (2 seals), FKM |
| DQPURCPSEALSMZ | Coupler seal kit (2 seals), Simriz® |
| 2423400 | Coupler o-ring kit, EPDM (Includes 2 o-rings) |
| 2423500 | Coupler o-ring kit, FKM (Includes 2 o-rings) |
| 2166000 | Drum insert flat gasket, 2" buttress, FDA EPDM |
| 2166100 | Drum insert flat gasket, 2" buttress, FKM |
| 2165800 | Drum insert o-ring, 2" NPS (ISO G2) EPDM for steel drums |
| 2165900 | Drum insert o-ring, 2" NPS (ISO G2) FKM for steel drums |
| 2165800 | Drum insert o-ring, BCS 56x4, EPDM (same as ISO G2 for steel) |
| 2165900 | Drum insert o-ring, BCS 56x4, FKM (same as ISO G2 for steel) |
| 2525200 | Drum insert flat gasket, 2" NPS (ISO G2) EPDM for plastic drums |
| 2525300 | Drum insert flat gasket, 2" NPS (ISO G2) FKM for plastic drums |
| 2594900 | Replacement Drum Insert Seal, 2" Buttress, FDA |
| DQPRO70X6AD | 70 X 6 Adaptor with EPDM O-Ring |
| DQPRO70X6AD202 | 70 X 6 Adaptor with FKM (Viton®) O-Rings |

Accessories

PART NUMBER DESCRIPTION

| | |
|------------------------|--|
| TETHER/DUST CAP | |
| DQPROTETHER | Tether/Dust Cap for use with DrumQuik PRO shipping plugs and couplers (PVC, Vinyl) |

COUPLER VENT PORT OPTIONS

| | |
|-------------|--|
| 2879800 | Vent check valve, 1/2" ID x 1/4" male NPT (316 SST, Santoprene) |
| 2879801 | Vent check valve, 1/2" ID x 1/4" male NPT (Hastelloy® C, FKM) |
| DQPROFIL01 | Air filter, coupler vent port, 1/4" male NPT (polypropylene, 70 micron) |
| APCD24004 | Vent coupling insert, 1/4" male NPT (Acetal, 316 SST, Buna-N) |
| APCD17004SH | Vent coupling body with shroud, 1/4" hose barb (Acetal, 316 SST, Buna-N) |
| APCD17006SH | Vent coupling body with shroud, 3/8" hose barb (Acetal, 316 SST, Buna-N) |
| EFC024412 | Vent coupling insert, 1/4" male NPT (Polypropylene, 316 SST, EPDM) |
| EFC017412 | Vent coupling body, 1/4" hose barb (Polypropylene, 316 SST, EPDM) |
| EFC017612 | Vent coupling body, 3/8" hose barb (Polypropylene, 316 SST, EPDM) |

NOTE: Parts listed above are suggested for use in the vent port, but any 1/4" NPT CPC coupling can be used for blanket gas applications (see page 144)

BACKFLOW PREVENTION OPTIONS • POLYPROPYLENE

| | |
|---------|---|
| 2478900 | Check valve for couplers, 1/2" female NPT x 1/2" male NPT (EPDM, 302 SST) |
| 2478901 | Check valve for couplers, 1/2" female NPT x 1/2" male NPT (FKM, 302 SST) |
| 2478902 | Check valve for couplers, 1/2" female NPT x 1/2" male NPT (EPDM, Hastelloy C) |
| 2478903 | Check valve for couplers, 1/2" female NPT x 1/2" male NPT (FKM, Hastelloy C) |
| 2479000 | Foot valve for dip-tube, 1/2" hose barb (EPDM, 316 SST) |
| 2479001 | Foot valve for dip-tube, 1/2" hose barb (FKM, 316 SST) |
| 2479002 | Foot valve for dip-tube, 1/2" hose barb (EPDM, Hastelloy C) |
| 2479003 | Foot valve for dip-tube, 1/2" hose barb (FKM, Hastelloy C) |

NOTE: CPC distributes the above check valves and foot valves. These valves are not produced by CPC and CPC makes no claims or warranty regarding suitability for use in specific applications.

COUPLER LIQUID PORT FITTINGS • POLYPROPYLENE

| | |
|---------|---------------------------------------|
| 2402600 | 1/2" female NPT x 3/8" OD compression |
| 2402700 | 1/2" female NPT x 1/2" OD compression |
| 2402800 | 1/2" female NPT x 5/8" OD compression |
| 2402900 | 1/2" female NPT x 3/8" ID hose barb |
| 2403000 | 1/2" female NPT x 1/2" ID hose barb |
| 2403100 | 1/2" female NPT x 3/4" ID hose barb |

DQPUR ACCESSORY FITTINGS

| | |
|----------------|--|
| DQPUR MC0404 | Male Connector, PVDF, 1/4" Flare x 1/4" NPT |
| DQPUR MC0604 | Male Connector, PVDF, 3/8" Flare x 1/4" NPT |
| DQPUR MC0804 | Male Connector, PVDF, 1/2" Flare x 1/4" NPT |
| DQPUR FR1208 | Flare Reducer, PFA, 3/4" Female Flare x 1/2" Male Flare |
| DQPUR FI1216 | Flare Increaser, PFA, 3/4" Female Flare x 1" Male Flare |
| DQPUR TFMC1208 | Female flare x male connector, PFA, 3/4" Female Flare x 1/2" Male NPT |
| DQPUR SE0808 | Sweep Elbow, PFA, 1/2" Female Flare x 1/2" Male Flare |
| DQPURSE1212 | Sweep Elbow, PFA, 3/4" Female Flare x 3/4" Male Flare |
| DQPURDCPM0812 | Double Containment Panel Mount Fitting, PFA, 1/2" process line x 3/4" secondary containment line |
| DQPURDCPM1216 | Double Containment Panel Mount Fitting, PFA, 3/4" process line x 1" secondary containment line |
| DQPURDCN0812 | Double Containment Adapter, PFA, 1/2" process line x 3/4" secondary containment line |
| DQPURDCN1216 | Double Containment Adapter, PFA, 3/4" process line x 1" secondary containment line |

Use shipping plug or key installation tool to install keys. Orient ring with lugs down and drum insert key ring with shoulder up.

Torque Tool



Bung Wrench

Refer to specifications for torque requirements (page 143)



Backflow Check and Foot Valves

Prevents liquid from draining back into drum when pump is off



Coupler Liquid Port Fittings



Shipping Plug



Key
installation
Tool



DRUMQUIK PRO / DRUMQUIK PUR ACCESSORIES



Universal 3-Port Drum Adaptor Kit
(shown with HFC12 and NS4)



DrumQuik® 3-Port UDA Kit • POLYPROPYLENE

The 3-Port UDA features a 3/4" male NPT thread that mates with common containers, bung plugs and caps. The adaptor ports enable simultaneous chemical extraction, venting or application of blanket gas. In addition, the third port can be used to recirculate priming chemical to the container in metering pump applications.

Optional system components including foot valves, air filters and vent check valves are also available. For your convenience, CPC offers a variety of drum adaptor plugs to facilitate easy drum connections. (See plugs and caps on page 149.)

| PART NUMBER | DESCRIPTION |
|--------------|--|
| DQUA3PKIT | 3-port adaptor, EPDM seal, locking nut, 35.5" (905mm) dip-tube, 1/2" x 3/8" & 1/2" x 1/4" reducer bushings and 1/4" & 3/8" NPT plugs |
| DQUA3PKIT202 | 3-port adaptor, FKM seal, locking nut, 35.5" (905mm) dip-tube, 1/2" x 3/8" & 1/2" x 1/4" reducer bushings and 1/4" & 3/8" NPT plugs |
| DQUA3P | 3-port adaptor bulk packaged (1/2" female NPT liquid outlet port, 3/8" & 1/4" NPT vent/recirculation ports) |
| DQUA3PNUT | Locking nut for the 3-port adaptor |
| 2717000 | EPDM seal for the 3-port adaptor |
| 2717100 | FKM seal for the 3-port adaptor |
| 2621100 | Reducer bushing, black polypropylene, 1/2" male NPT x 3/8" female NPT |
| 2621200 | Reducer bushing, black polypropylene, 1/2" male NPT x 1/4" female NPT |
| 2621300 | Pipe plug, black polypropylene, 1/4" male NPT |
| 2621400 | Pipe plug, black polypropylene, 3/8" male NPT |

Note: DrumQuik® UDA 3-Port uses DrumQuik PRO dip-tubes and accessories.

DrumQuik UDA Kit • POLYPROPYLENE

The DrumQuik® UDA Kit turns ChemQuik® or general purpose (HFC or NSH) couplings into a dip-tube that can easily be threaded into the 3/4" female NPS port of common drum closures. It provides a simple and inexpensive way to dispense chemicals in pumped systems. For your convenience, CPC offers a variety of drum adaptor plugs to facilitate easy drum connections. (See plugs and caps on page 149.)

Press together to assemble



| PART NUMBER | DESCRIPTION |
|-------------|---|
| DQUAKIT | Adaptor & DQPRODT1274 47" long dip-tube |

DrumQuik UDA Foot Valve

| PART NUMBER | DESCRIPTION |
|-------------|--|
| DQMFVPP0708 | Foot valve for use with DrumQuik UDA dip-tubes, fits 1/2" OD tubing, PTFE seal |

Can be
used with many
standard CPC quick
disconnect couplings
and standard bung
plugs and bottle
caps



Universal Drum Adaptor Kit
(shown with NSH Series)

BottleQuik® 2-Port Kit UDA • POLYPROPYLENE

The BottleQuik® is intended for use on reagent bottles with SP400-38mm threads. It can be used in either the upright position or inverted and has two 3/8" female NPT ports for liquid and vent ports.

| PART NUMBER | DESCRIPTION |
|-----------------|--|
| DQUDACAP2PKITPP | 2-Port adaptor CAP for 38mm SP400 bottles & dip-tubes, 17.75" (451mm) long, FKM o-ring, 3/8" female NPT liquid port, 3/8" female NPT vent port, 3/8" female NPT vent port. Use above kits with CQG, CQH and CQV Series couplings. |



BottleQuik 2-Port UDA Bottle Adaptor Kit
(shown with CQG and CQH)

DrumQuik Asian Drum Adaptors • POLYPROPYLENE

The DrumQuik® Asian drum adaptors allow ChemQuik® or general purpose (HFC or NSH) couplings to be easily connected to the unique threads common in many drum closures (with integral dip-tubes) manufactured in Asia, e.g., Kodama, Accelo, Stella, Dung Woo, etc. A 3/4" female NPT inner thread can accept any coupling or fitting with a 3/4" male NPT termination.

| PART NUMBER | DESCRIPTION |
|----------------------|---|
| DQADAPP0212 • TYPE A | Adaptor, FKM seals, 3/4" female NPT inner port x 3/4" NPS male thread to fit drum plug. |
| DQADAPP0622 • TYPE B | Adaptor, FKM seals, 3/4" female NPT inner port x 1-3/8" TYPE B male buttress thread to fit drum plug. |



Type A

For use with closure plugs with a 3/4" NPS center port.



Type B

For use with closure plugs with a 1-3/8" buttress center port.

DrumQuik Plugs and Caps

For your convenience, CPC offers several sizes of common bung plugs and caps that have the internal 3/4" female NPS thread, into which the DrumQuik Universal Drum Adaptors/ChemQuik couplings are threaded.

| PART NUMBER | DESCRIPTION |
|-----------------|---|
| DQMBUNGPP2BUT12 | Bung closure, polypropylene, EPDM o-ring, 2" buttress x 3/4" female NPS |
| DQMBUNGPP2NPS12 | Bung closure, polypropylene, EPDM o-ring, 2" NPS x 3/4" female NPS |
| DQMBUNGPP56X412 | Bung closure, polypropylene, EPDM o-ring, BCS56x4 x 3/4" female NPS |
| DQMBUNGPP70X612 | Bung closure, polypropylene, EPDM o-ring, BCS70x6, 3/4" female NPS |
| DQMCAPPP70mm | Cap closure, polypropylene, EPDM o-ring, 70mm x 3/4" female NPS |
| DQMCAPPP63MM | Cap closure, polypropylene, EPDM o-ring, 63mm, 3/4" female NPS |



3/4" NPT inner port incorporates a face seal to assure a leak-free connection.

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. **NOTE:** The DQ UDA kits are designed to work with CPC couplings that have 3/4" NPT male terminations. The DQ UDA 3-Port kits are designed to work with a 1/2" NPT male on the liquid port and a 1/4" NPT male on the vent port. A 1/2" male NPT to 1/4" female NPT reducer bushing may be required to accommodate smaller NS4, PLC and PMC Series couplings. BottleQuik features two 3/8" female NPT ports. **NOTE:** DrumQuik Adaptors are intended for end-use applications not requiring compliance with UN/DOT standards for use in transportation of hazardous materials.



DQ UDA kits can be used with a wide range of closures.

UDC SERIES CONNECTOR

Specifications ● ● ●

PRESSURE:

20" Hg vacuum to 15 psi, 1.0 bar (body only)

TEMPERATURE:

32°F to 160°F (0°C to 71°C)

MATERIALS:

Main body components and valves:

Polypropylene

Springs:

Body: 316 stainless steel

Cap: 302 stainless steel

UDC caps: Acetal, polypropylene

O-rings (food grade):

UDC: EPDM, silicone, Buna-N

iUDC: EPDM, silicone

CIP adapter: Acetal

COLOR: Light gray with dark gray latch

CLOSURE SIZE: SP-400 thread/38mm snap-in

TUBING SIZES:

3/8" to 3/4" ID, 9.5mm to 19.0mm ID

The patented 3/8" flow Universal Dispensing Coupler (UDC)

provides a universal connection to a 38mm threaded or snap-in fitment neck. Make instant connections to bulk packaging systems including bag-in-box (BIB), flexible and rigid packaging styles. Automatic flush face valves minimize costly or dangerous spillage. An ergonomic design and a large, shrouded thumb latch pad produce a coupling that is easy to grip and simple to operate.

The UDC Series is also available with optional RFID (Radio Frequency Identification) capability (see page 95).

All UDC series products are listed under NSF/ANSI standard 169



FEATURES

Universal 38mm cap

Flush face/non-spill valves

Integral terminations

Shrouded thumb latch

RFID technology (iUDC only)

BENEFITS

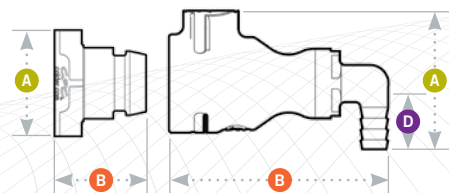
Fits industry standard fitment necks

Minimize spillage

Fewer leak points, shorter assemblies, faster installations

Protects against accidental disconnects

Helps maintain warranty, integrity, brand protection



A = Height/Diameter
B = Total Length
D = Elbow Radial Length

UDC SERIES DIMENSIONS

Coupling Bodies • POLYPROPYLENE



| TERMINATION | TUBING SIZE | SILICONE O-RING | BUNA-N O-RING | EPDM O-RING | A | B | D |
|----------------------|-------------|-----------------|---------------|-------------|------|------|-----|
| IN-LINE HOSE BARB | 3/8" ID | 99000 | 98400 | 98500 | 1.73 | 3.06 | |
| | 1/2" ID | 95600 | 97600 | 95300 | 1.73 | 3.06 | |
| | 5/8" ID | 99100 | 97900 | 98100 | 1.73 | 3.20 | |
| | 3/4" ID | 99200 | 98600 | 98700 | 1.73 | 3.21 | |
| ELBOW HOSE BARB | 3/8" ID | 99300 | 97800 | 99400 | 1.73 | 3.25 | .93 |
| | 1/2" ID | 95400 | 97700 | 95100 | 1.73 | 3.25 | .93 |

Caps • ACETAL



| TERMINATION | DESCRIPTION | SILICONE O-RING | BUNA-N O-RING | EPDM O-RING | A | B |
|--------------------------|---------------------|-----------------|---------------|-------------|------|------|
| THREAD-ON 38MM VALVED | Without thread seal | 95800 | 96400 | 97400 | 1.70 | 1.47 |
| | With thread seal | 95801 | 96401 | 97401 | 1.70 | 1.47 |

• POLYPROPYLENE



| TERMINATION | DESCRIPTION | SILICONE O-RING | EPDM O-RING | A | B |
|--------------------------|---|-----------------|-------------|------|------|
| SNAP-IN 38MM VALVED | | 9461300 | 9500000 | 1.15 | 1.77 |
| | Note: Snap-in closure designed to fit Scholle 900 bag necks. | | | | |
| THREAD-ON 38MM VALVED | With thread seal | | 9462000 | 1.70 | 1.48 |

Clean-in-Place (CIP) Adapter • ACETAL



| TERMINATION | DESCRIPTION | PART NO. | A | B |
|-------------|---------------------|----------|------|------|
| IN-LINE | 1/2" HB (no o-ring) | 96000 | 1.15 | 1.56 |

Coupling Readers • POLYPROPYLENE



| TERMINATION | TUBING SIZE | METRIC EQ. | SHUTOFF (RS-232) | SHUTOFF (USB) | A | B |
|--------------------------|-------------|------------|------------------|---------------|--|------|
| IN-LINE HOSE BARB | 1/4" ID | 6.4mm ID | iUDCDR1700400 | iUDCDR1700401 | 2.00 | 3.49 |
| | 3/8" ID | 9.5mm ID | iUDCDR1700600 | iUDCDR1700601 | 2.00 | 3.49 |
| | 1/2" ID | 12.7mm ID | iUDCDR1700800 | iUDCDR1700801 | 2.00 | 3.49 |
| | 5/8" ID | 15.9mm ID | iUDCDR1701000 | | 2.00 | 3.49 |
| | 3/4" ID | 19mm ID | iUDCDR1701200 | | 2.00 | 3.49 |
| PANEL MOUNT HOSE BARB | 1/4" ID | 6.4mm ID | iUDCDR1600400 | iUDCDR1600401 | Refer to cpcworldwide.com for dimensions | |
| | 3/8" ID | 9.5mm ID | iUDCDR1600600 | iUDCDR1600601 | | |
| | 1/2" ID | 12.7mm ID | iUDCDR1600800 | iUDCDR1600801 | | |

Caps • ACETAL



| TERMINATION | DESCRIPTION | METRIC EQ. | SHUTOFF | A | B |
|--------------------------|---------------------|------------|--------------|------|------|
| THREAD-ON 38MM VALVED | Without thread seal | 38mm | iUDCDTCN3803 | 1.70 | 1.47 |
| | With thread seal | 38mm | iUDCDTCS3803 | 1.70 | 1.47 |

• POLYPROPYLENE



| TERMINATION | DESCRIPTION | METRIC EQ. | SHUTOFF | A | B |
|--------------------------|---------------------|------------|--------------|------|------|
| SNAP-IN 38MM VALVED | | 38mm | iUDCDTSN0000 | 1.62 | 1.76 |
| THREAD-ON 38MM VALVED | Without thread seal | 38mm | iUDCDTCN3800 | 1.70 | 1.48 |
| | With thread seal | 38mm | iUDCDTCS3800 | 1.70 | 1.48 |

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. Couplings are pictured with valves unless otherwise noted.

PUNCTURE SEAL SERIES CONNECTOR

Specifications

PRESSURE:

120 psi, 8.3 bar (coupling body)

TEMPERATURE:

32°F to 160°F (0°C to 71°C)

MATERIALS:

Main components and valves: Polypropylene

38mm closure: Polyethylene (LDPE)

Thumb latch: Stainless steel

Valve spring: 316 stainless steel

External spring and pin: Stainless steel

O-rings: EPDM

CLOSURE SIZE: SP-400 38mm

TUBING SIZES:

1/4" and 3/8" ID, 6.4mm and 9.5mm ID

The 1/4" flow Puncture Seal dispensing system provides clean and safe liquid dispensing from bag-in-box (BIB) or other types of flexible packaging. The system consists of a Puncture Seal closure cap and a specially designed quick disconnect coupling body. The closure makes a positive thread or snap-in seal with a 38mm fitment neck. The Puncture Seal coupling body automatically breaks the membrane seal on the closure cap when connected. To switch to a new container, simply depress the CPC thumb latch to disconnect the system and then connect the Puncture Seal coupling body to a fresh container.

Also
available in
NSF listed versions.
Please visit our
website for part
number information

NSF

FEATURES

Puncture Seal coupling

Polypropylene and
polyethylene materials

Puncture Seal membrane

CPC thumb latch

BENEFITS

Easily breaks the Puncture Seal
membrane

Greater chemical resistance

Eliminates shipping caps and o-rings

One-hand connection and disconnection

Coupling Bodies • POLYPROPYLENE



TERMINATION
IN-LINE
HOSE BARB

TUBING SIZE
1/4" ID
3/8" ID

METRIC EQ.
6.4mm ID
9.5 mm ID

STRAIGHT THRU
PS1700412
PS1700612

SHUTOFF
PSD1700412
PSD1700612

LENGTH
1.95
1.95

Closure • POLYETHYLENE

Note: Snap-in closure designed to fit Scholle 900 bag necks.



TERMINATION
THREAD-ON
38MM VALVED

PART NO.
PSC38mm

LENGTH
1.7

HEIGHT
1.12



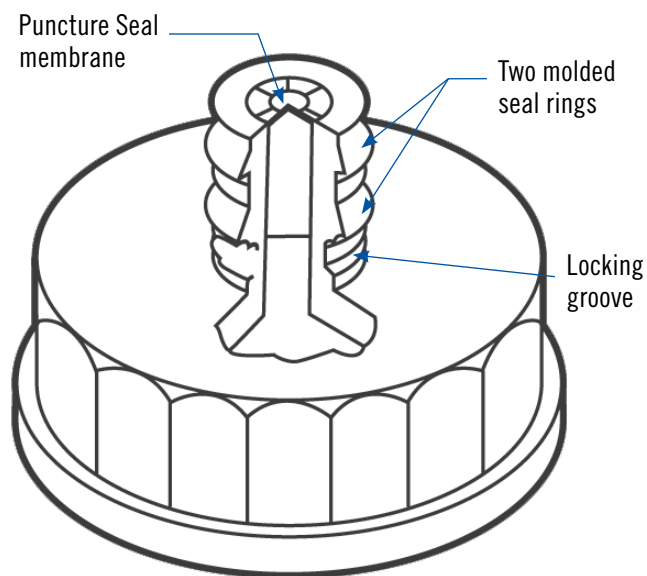
SNAP-IN 38MM
VALVED

496200

1.88

1.62

Closure Detail



DID YOU KNOW?

CPC'S PUNCTURE SEAL CLOSURES CAN BE USED TO DISPENSE VIRTUALLY ANY LIQUID FROM FLEXIBLE PACKAGES?

The Puncture Seal makes transporting and dispensing cleaning concentrates, dry cleaning chemicals and soaps cleaner and safer. Printing inks, photo developers and dyeing agents can also be dispensed quickly and easily, without messy drips or spills. The Puncture Seal can also be used with beverage and condiment dispensing systems, just look for the NSF-listed part numbers.

NOTES:

美国CPC_Colder Products Company快速接头和连接器
授权西北代理商联系方式

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