

DRUMQUIK® PRO / DRUMQUIK PUR ACCESSORIES

COLOR CODING AND KEYING OPTIONS

- Colored Key Kits for Physical Coding: Polyethylene

| DQPRO PART NUMBER | DQPUR PART NUMBER | DESCRIPTION |
|---|-------------------|---------------------------------|
| 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 |
| <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 |
| <i>Key kits for drum insert include drum insert key ring and button plug.</i> | | |

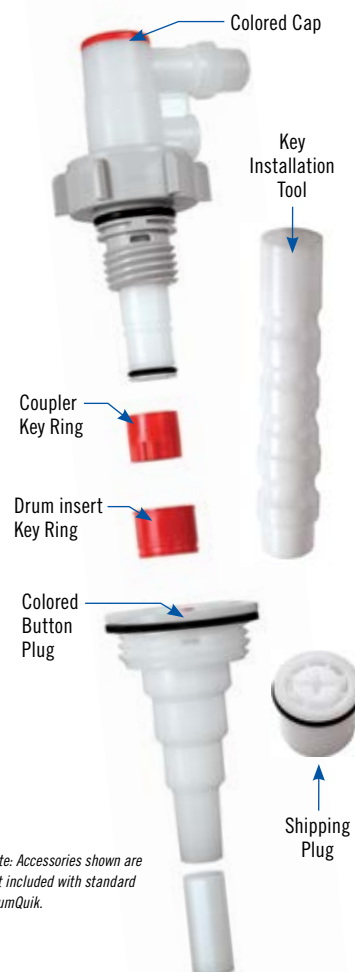
COLOR CODED PARTS

- 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 |
| DQPROCAPBLU05 | Colored cap for coupler, blue |
| DQPROCAPBLK99 | Colored cap for coupler, black |
| 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 |
| DQPROPLUGBLU05 | Colored button plug for drum insert, blue |
| DQPROPLUGBLK99 | Colored button plug for drum insert, black |

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



ASSEMBLY

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.



DRUMQUIK® PRO / DRUMQUIK PUR ACCESSORIES

TOOLS

| 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) |

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) |
| 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) |

SHIPPING PLUGS

| PART NUMBER | DESCRIPTION |
|-------------|---|
| 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 |
|----------------|--|
| DQPURDISEALFEP | Drum insert FEP encapsulated silicone bung seal |
| 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 |
| 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) |
| 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 |

SAMPLE KITS

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

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) |
| EFCD24412 | Vent coupling insert, 1/4" male NPT (Polypropylene, 316 SST, EPDM) |
| EFCD17412 | Vent coupling body, 1/4" hose barb (Polypropylene, 316 SST, EPDM) |
| EFCD17612 | 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 146)

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 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 TFC1208 | 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 |

NOTE

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



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Torque Tool



Bung Wrench

Refer to specifications for torque requirements (page 145)



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



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



Universal Drum Adaptor Kit (shown
with NSH Series)

DRUMQUIK® PRO / DRUMQUIK PUR ACCESSORIES

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 148.)

| 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 |
| 2621400 | Pipe plug, black polypropylene, 3/8" male NPT |
| | Use with PLC, Non-Spill, EFC and ChemQuik Series couplings. |

NOTE

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

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 |
| 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 |

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.



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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.



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



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