

DRUMQUIK PRO / DRUMQUIK PUR



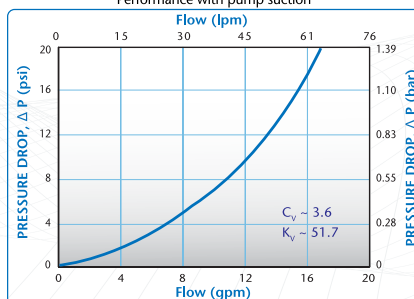
DrumQuik® PRO and DrumQuik PUR dispensing systems are used with common pumps to create a closed transfer system for both general and high purity chemicals. These easy-to-use products meet the strict safety requirements of chemical handling applications as well as the demands of harsh operating environments.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



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

DrumQuik PRO & DrumQuik PUR Water Flow
Performance with pump suction



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

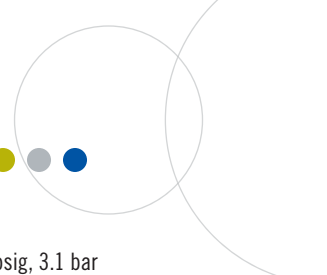
DrumQuik solutions are available for a variety of container types providing interchangeable, reusable connections for:

- 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.

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.



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)
 BCS 70mm - 22ft-lbs (30 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 (3/4" FLARE TERMINATION)

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)
	DQPRO20BCS70202	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

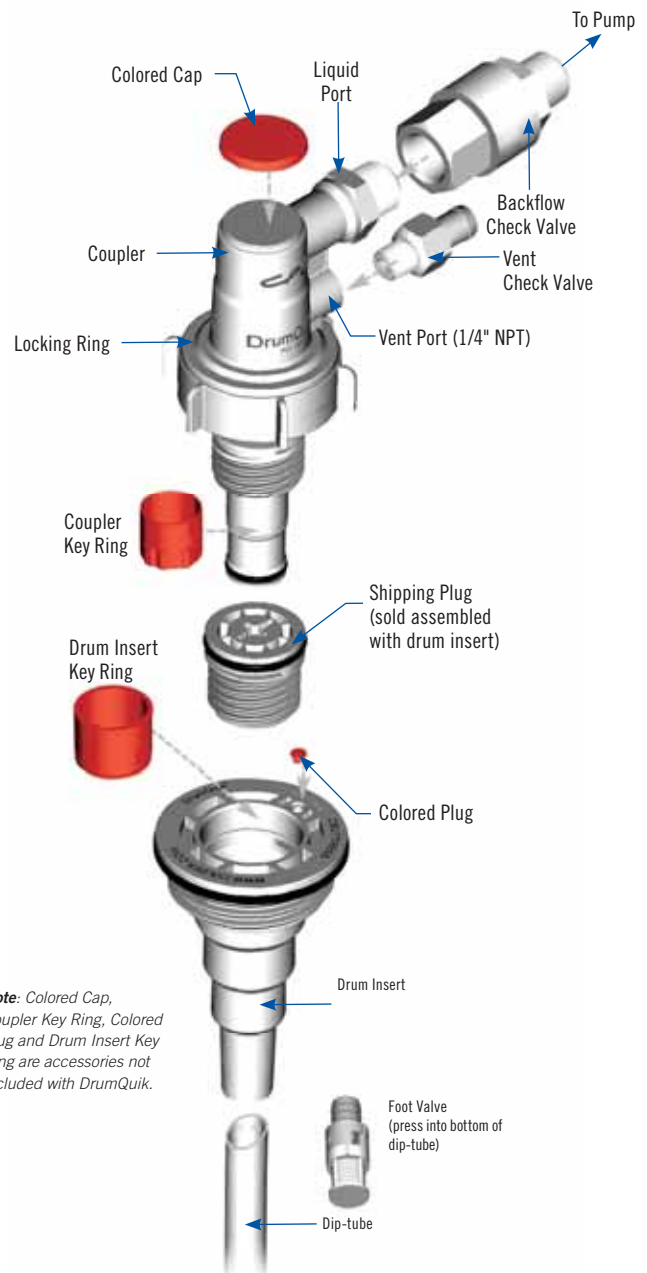
Dip-Tubes • POLYETHYLENE (HDPE)

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



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