

DrumQuik® PRO

Dispensing System for Professional Chemical Management

DrumQuik® PRO is an easy-to-use product for extracting chemicals from rigid containers. The closed-system design and rugged construction meet the strict safety requirements of chemical handling applications as well as the demands of harsh operating environments. DrumQuik PRO minimizes chemical exposure and facilitates the delivery of chemicals from bulk transfer containers to end use applications. The coupler is reusable and the dip-tube assembly is suited to cost-sensitive one-way and single-use container applications and can be disposed of or recycled along with the container.



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

Specifications

Pressure:

Uncoupled: Vacuum to 45 psig (3.1 bar)

Coupled: Vacuum to 22 psig (1.5 bar)

Temperature:

Drum insert: -20° to 120°F (-29° to 49°C)

Coupler: 32° to 120°F (0° to 49°C)

Materials:

Drum insert & dip-tube:

Food grade, virgin polyethylene (HDPE)

Shipping plug:

Food grade, virgin polyethylene (HDPE)

Coupler: Food grade, virgin polypropylene (PP)

Spring (coupler only):

316 stainless steel (Hastelloy® C optional)

O-rings: Food grade EPDM (FKM optional)

Lubricant: Krytox® PFPE (inert)

Torque specifications:

2" Buttress – 20ft-lbs (27 N-m)

BCS 56x4 – 15ft-lbs (20 N-m)

2" NPS (plastic drum) – 20ft-lbs (27 N-m)

2" NPS (steel drum) – 15ft-lbs (20 N-m)

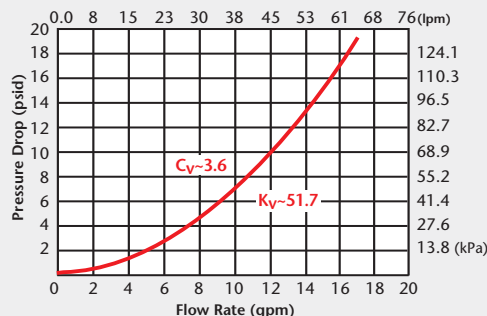
Shipping plug – hand tight

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

Applications:

- Acids, caustics and solvent delivery
- Agricultural fertilizer delivery
- Institutional cleaning
- Paint and coating dispensing
- Fragrance production
- Edible oils and flavorings transport
- Pharmaceutical sterilitant handling
- Waste water treatment

DrumQuik® PRO Flow Performance



Note: As tested with water.

Couplers: Polypropylene

PART NUMBER	DESCRIPTION
DQPRO120208	1/2" male NPT liquid port
DQPRO120312	3/4" Hose barb (EPDM Seals, 316 stainless steel spring)
DQPRO120712	3/4" male BSPP liquid port

NOTE: See modified standard material options below. Options 202, 206 and 207 are available.

Drum Inserts: HDPE

PART NUMBER	DESCRIPTION
DQPRO202BUT	2" American buttress thread
DQPRO2056X4	BCS 56x4 thread
DQPRO20G2NPSST	2" NPS (ISO G2) thread, o-ring seal (For steel drums and IBC caps)
DQPRO20G2NPSPL	2" NPS (ISO G2) thread, flat gasket (For plastic drums)

NOTE: See modified standard material options below.

Dip-tubes: HDPE

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

NOTE: The length indicated in the part number is the length as measured from the sealing surface of the container to the end of the dip-tube. This is ~ 80mm longer than the actual length of the dip-tube itself.

Optional Seal and Spring Materials

DRUM INSERT P/N SUFFIX	DESCRIPTION
202	FKM Seals

COUPLER P/N SUFFIX	DESCRIPTION
202	FKM o-rings, 316 stainless steel spring
206	EPDM o-rings, Hastelloy® C spring
207	FKM o-rings, Hastelloy® C spring

Additional System Components

- ✓ Vent Check Valve
- ✓ Backflow Check Valve
- ✓ Keying Options
- ✓ Dust Cap / Tether
- ✓ Hand Pump Adapter
- ✓ Vent Check Fittings
- ✓ Color Coding
- ✓ Liquid Port Fittings
- ✓ Pump Coupler

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CPC 西北地区签约经销商: 西安嘉岳自动化技术有限公司 Garye Automation Company
地址: 西安市未央区经济技术开发区凤城五路 89 号 5 幢 1 单元 10601 室

手机: 18292561696 E-mail: sales@garye.cn

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