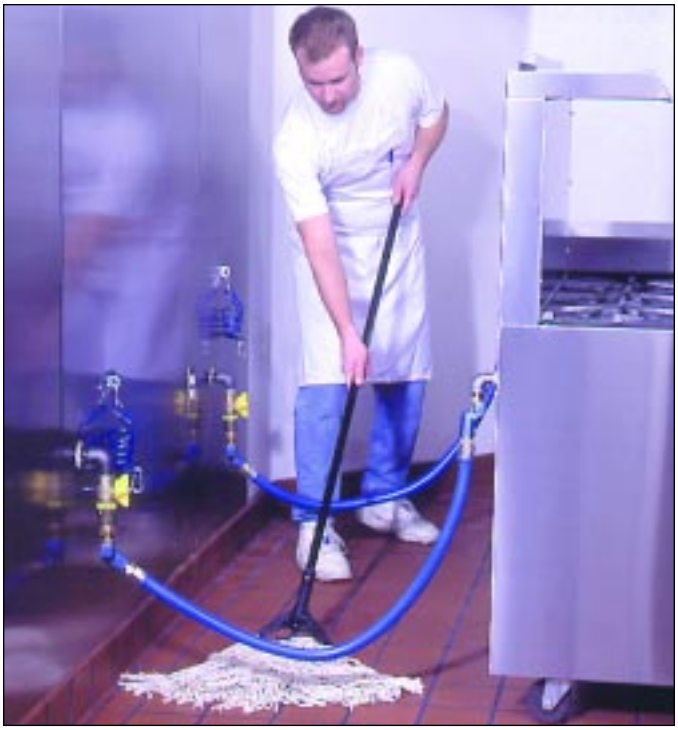
Supr-Safe®
Gas Connector – Moveable

The Dormont Supr-Safe quick disconnect gas connector is a flexible stainless steel gas connector with a push-to-connect quick disconnect device installed at the appliance. This connector was invented by Dormont to enable commercial cooking equipment to become moveable by providing a safe gas connection for caster-mounted equipment. The quick disconnect gas connector can be easily disconnected, allowing for more effective cleaning in the cooking line-up, resulting in improved sanitation. Additionally, routine maintenance and repairs become faster and more efficient due to increased accessibility to the appliance. The Dormont Supr-Safe quick disconnect gas connector is not just a gas hose, it is a "Gas Equipment Installation System."

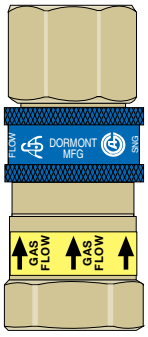


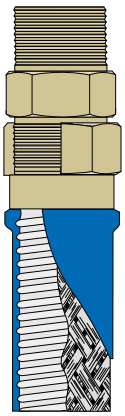
Applications

- Caster-mounted gas cooking equipment

Product Specifications

- **Tubing:** Annealed 304 stainless steel
- **Braiding:** Multi-strand 304 stainless steel wire
- **Coating:** PVC, melts at 350°F; coating will not hold a flame
- **Quick Disconnect:** Brass body, carbon steel threaded end fittings, aluminum collar
- **Thermal Shut-off:** Polymer insert in QD melts when temperatures exceed 350°F, to shut-off gas flow
- **End Fittings:** Carbon steel; zinc and yellow dichromate coating; flared design
- **Elbows:** Malleable iron
- **Restraining Cable:** PVC coated,carbon steel multi-strand cable (supplied with kits)





Features and Benefits

Safety

- Fully annealed 304 stainless steel provides strength and corrosion resistance.
- Tight weave stainless steel braid increases the tensile strength of the connector and protects the tubing from elongating when equipment is pulled away from the wall.
- Exclusive "push-to-connect" quick disconnect allows convenient one-handed operation to safely and quickly disconnect the gas line from a moveable appliance.
- Quick disconnect "thermal shut-off" safety feature automatically shuts off the gas flow when internal temperatures exceed 350°F resulting in increased kitchen safety.
- Flared end fittings eliminate the weak zones at tube ends, often seen with welded fittings, resulting in a safe, consistent, leak-proof, metal-to-metal seal.

Sanitation

- Supr-Flex™ PVCdipped coating provides a smooth, plastic surface that will not peel, crack or wrinkle, will not hold a flame, and is easy to clean.
- NSF Certified-meeting the sanitation requirements of special equipment in the commercial kitchen.

Ease of Installation

- Flexible, corrugated stainless steel gas connectors are easier and faster to install than hard pipe, resulting in decreased installation times and labor costs.

Supr-Safe® Gas Connector – Moveable

Deluxe Supr-Safe Gas Connector Installation Kits

Product Number (Specify Length*)	Inside Diameter	Length* (Add length to the root part number *xx*)					
1650KIT***xx***	1/2" (1.27 cm)	12" (30.5 cm)	24" (60.9 cm)	36" (91.4 cm)	48" (121.9 cm)	60" (152.4 cm)	72" (182.8 cm)
1675KIT***xx***	3/4" (1.90 cm)						
16100KIT***xx***	1" (2.54 cm)						
16125KIT***xx***	1-1/4" (3.18 cm)						

Deluxe Supr-Safe Gas Connector Installation Kits include: (1) Supr-Safe moveable gas connector with push-to-connect quick disconnect, (1) coiled restraining device with installation mounting hardware, (1) full port valve, (2) 90° elbows.

The 1/2", 3/4", and 1" inside diameter connectors are available in 4-color boxes, for display on the Dormont Supr-Center™ display rack, in both 36" and 48" lengths.

Installation Kits are available with Supr-Swivel and Cimfast QDV safety fittings. Contact customer service for additional information.

Supr-Safe Gas Connectors

Product Number (Specify Length*)	Inside Diameter	Length* (Add length to the root part number *xx*)					
1650BPQ***xx***	1/2" (1.27 cm)	12" (30.5 cm)	24" (60.9 cm)	36" (91.4 cm)	48" (121.9 cm)	60" (152.4 cm)	72" (182.8 cm)
1675BPQ***xx***	3/4" (1.90 cm)						
16100BPQ***xx***	1" (2.54 cm)						
16125BPQ***xx***	1-1/4" (3.18 cm)						

Add "BX" to the end of the part number to receive 24", 36" or 48" gas connector in display box

Accessories

Cimfast QDV Quick Disconnect Valve Safety Fitting

- Decreases fire hazards
- Eliminates accidental disengaging
- Prevents incorrect hookup

Supr-Swivel Multi-Plane Swivel Fitting

- Increases range of motion of connector
- Decreases stress on gas connector
- Increases workable aisle space

BTU Flow Capacity – Moveable Gas Connectors

Product Number (Specify Length*)	Inside Diameter	BTU/hr***					
		12" (30.5 cm)	24" (60.9 cm)	36" (91.4 cm)	48" (121.9 cm)	60" (152.4 cm)	72" (182.8 cm)
1650BPQ***xx***	1/2" (1.27 cm)	98,000	87,000	77,000	68,000	60,000	55,000
1675BPQ***xx***	3/4" (1.90 cm)	260,000	232,000	218,000	180,000	158,000	139,000
16100BPQ***xx***	1" (2.54 cm)	425,000	414,000	379,000	334,000	294,000	279,000
16125BPQ***xx***	1-1/4" (3.18 cm)	783,000	699,000	615,000	541,000	476,000	419,000

*** Flow rating BTU/hr (w) 0.64 specific gravity natural gas @ 0.5" WC pressure drop.

Standards and Certifications

ANSI Z21.69/CSA 6.16 - Connectors for Moveable Gas Appliances
ANSI Z223.1/NFPA 54 - National Fuel Gas Code
ANSI Z21.41 - Quick Disconnect Devices For Use With Gas Fuel
ANSI Z21.15/CGA 9.1 - Manually Operated Gas Valves For Appliances, Appliance Connector Valves, and Hose End Valves

C US

UL.567, Pipe Connectors for Petroleum Products and LP-Gas

"Component"

NSF International
Criteria C-2, Special Equipment and/or Devices

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