

Engineering Specification

Job Name _____	Contractor _____
Job Location _____	Approval _____
Engineer _____	Contractor's P.O. No. _____
Approval _____	Representative _____
	SKU _____

ReliaGuard® with Single and Double SwivelGuard™ and Standard Snap™ Quick-Disconnect Assemblies

Sizes: 1/2" to 1"

The ReliaGuard® with Single and Double SwivelGuard™ and Standard Snap™ Quick-Disconnect Assemblies feature optimum movement flexibility and a quick disconnect fitting with a unique shut off design that automatically shuts off the gas when the internal temperature exceeds 350°F (177°C). The 360° movement of SwivelGuard at both ends gives maximum protection to the life of the connector and greatly increases kitchen aisle space by allowing the appliance to be closer to the wall.

Features

SwivelGuard

- Multi-plane FittingAluminum body, plated steel fitting
- Movement360° rotational end fitting

Standard Snap Quick Disconnect

- Quick-DisconnectBrass body, aluminum collar
- Thermal Shut-offShuts off gas when internal temperatures exceed 350°F (177°C)

Specifications

The ReliaGuard®

- Tubing.....Annealed, corrugated 304 stainless steel
- Braiding.....Multi-strand, stainless steel wire
- CoatingGray PVC, melts at 350°F (177°C), coating will not hold a flame
- End FittingsCarbon steel; zinc trivalent chromate
360° rotational end fitting at both ends

Additional Components

- Restraining DevicePVC coated, steel multi-strand cable and mounting hardware
- ValveFull port, brass body

Approvals & Certifications

- ANSI Z21.69 / CSA 6.16 – Connectors for moveable gas appliances
- ANSI Z21.41 / CSA 6.9 – Quick-Disconnect Devices for use with gas fuel appliances
- ANSI Z21.15 / CSA 9.1 – Manually operated gas valves for appliances, appliance connectors



UL 567 _ Pipe connectors for flammable and combustible liquids and LP gas
 Meets requirements of ANSI Z223.1 / NFPA 54 National Fuel Gas Code
 Not for use in temperatures less than 32°F (0°C). For indoor use only.

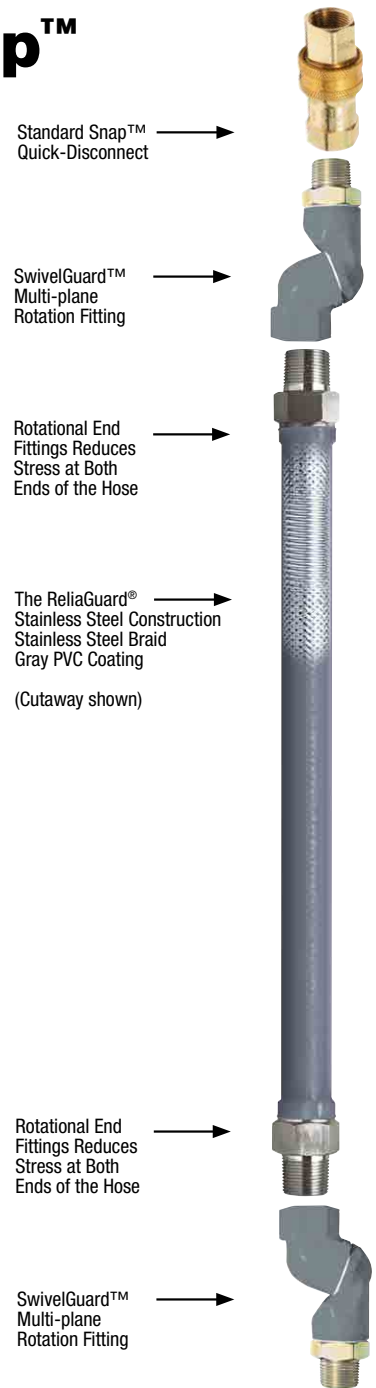
Max operating pressure 1/2 psi.

Refer to the catalog for additional approvals and certifications or go to www.dormont.com.

A restraining device is required for all moveable gas equipment.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.



Standard Snap™ Quick-Disconnect

SwivelGuard™ Multi-plane Rotation Fitting

Rotational End Fittings Reduces Stress at Both Ends of the Hose

The ReliaGuard® Stainless Steel Construction
Stainless Steel Braid
Gray PVC Coating

(Cutaway shown)

Rotational End Fittings Reduces Stress at Both Ends of the Hose

SwivelGuard™ Multi-plane Rotation Fitting



Double and Single SwivelGuard with Standard Snap Quick-Disconnect Kit Assembly

Ordering Information

		LENGTH		
Configuration	Size I.D.	36" (914mm)	48" (1,219mm)	60" (1,524mm)
Double SwivelGuard Kit*	½"	RG502S36	RG502S48	RG502S60
Single SwivelGuard Kit**		RG50S36	RG50S48	RG50S60
Double SwivelGuard Kit*	¾"	RG752S36	RG752S48	RG752S60
Single SwivelGuard Kit**		RG75S36	RG75S48	RG75S60
Double SwivelGuard Kit*	1"	RG1002S36	RG1002S48	RG1002S60
Single SwivelGuard Kit**		RG100S36	RG100S48	RG100S60

BTU/hr Flow Capacity Natural Gas (Flow rating BTU/hr 0.64 SP. GR. @ 0.5 inch WC pressure drop)

		LENGTH		
Model	Size I.D.	36" (914mm)	48" (1,219mm)	60" (1,219mm)
RG502S	½"	69,000	60,000	54,000
RG50S		72,000	63,000	56,000
RG752S	¾"	193,000	160,000	140,000
RG75S		203,000	167,000	147,000
RG1002S	1"	336,000	295,000	261,000
RG100S		353,000	310,000	274,000

***Double SwivelGuard Kits include:** The ReliaGuard gas hose, Double SwivelGuard, Standard Snap, restraining device and full port valve

****Single SwivelGuard Kits include:** The ReliaGuard gas hose, Single SwivelGuard, Standard Snap, restraining device, 90° street elbow and full port valve

Typical Installation



The ReliaGuard



The ReliaGuard® is a commercial, moveable-grade gas connector designed for use with moveable equipment.

Moveable equipment is defined in ANSI Standard Z21.69/CSA 6.16 as gas utilization equipment that may be mounted on casters or otherwise be subject to movement.

SwivelGuard



- Reduces stress on connector
- Increases kitchen aisle space by allowing connector to be positioned closer to the wall

Standard Snap



- Quick-disconnect fitting
- Thermal shut-off when internal temperature exceeds 350°F (177°C)

Restraining Device



- ANSI Z21.69 Standard section 1.7.4 states: Connectors when used on caster-mounted equipment shall be installed with a restraining device, which prevents transmission of the strain to the connector



We guarantee our commercial gas connectors for 5 years of the original appliance to which it is connected.

Dormont®

A WATTS Brand

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