



EPDM Gaskets for Reliable Grooved Products (Models RGD1, RCD1, FA1, MTT2, MTG1, and 041)

Product Description

Reliable's grooved product gaskets deliver versatility to meet installers' fire protection system needs without requiring checks for colored markings that indicate a certain gasket material with a special performance range. Because all Reliable gaskets are molded from the same grade of EPDM rubber, verification checks and inventory management are greatly simplified.

Reliable uses embedded pre-lubrication in all grooved product gaskets as a standard feature, unlike manufacturers where embedded pre-lubrication is only provided in certain products. Embedding lubricants in the gasket material prior to molding allows the lubricant to coat all surfaces of the gasket with a friction-reducing lubricant that improves ease of installation and reduces the potential for the gasket to pinch between the coupling housings. Reliable grooved coupling gaskets also have a secondary dry powder lubricant to allow installers to visually verify that the gasket is lubricated.

A thin layer of supplemental, petroleum free, silicone based, EPDM compatible lubricant is only required when Reliable grooved couplings are installed or used where the temperature is less than 32°F (0°C), or where the couplings are installed on a dry-pipe sprinkler system. In those applications the supplemental lubricant assists in installing the gasket in cold conditions where EPDM material may be less pliable and assists in maintaining a seal when movement of the system piping occurs due to temperature changes. When used, a thin layer of supplemental, EPDM compatible lubricant should be applied to the sealing lips and outside of the EPDM gasket. Verify compatibility of the supplemental lubricant with the gasket material and installation conditions prior to use.

Reliable Grooved EPDM Gaskets Technical Data

Gasket Geometries Available

- Standard C-shaped profile (RGD1, FLX1, RCD1)
- Flush gap profile (RGD1)
- Product-specific profile (MTG1, MTT2, 041, FA1)

Gasket Lubrication Type:

- Embedded lubricant during mixing of rubber (all products)
- Powder surface lubricant applied after molding (couplings only)

Low-Temperature Considerations

- When Reliable grooved couplings are installed or used at temperatures less than 32°F (0°C) a thin layer of supplemental petroleum free, silicon based, EPDM compatible lubricant shall be applied to the sealing lips and outside of the EPDM gasket.

Gasket Qualifications

- All gaskets are qualified as part of the product qualifications defined by UL 213 and FM 1920
- All gaskets are qualified for use in wet and dry pipe fire protection systems

Special Features

- Rigid (Model RGD1) and flexible (Model FLX1) grooved coupling gaskets of the same size are identical and interchangeable.

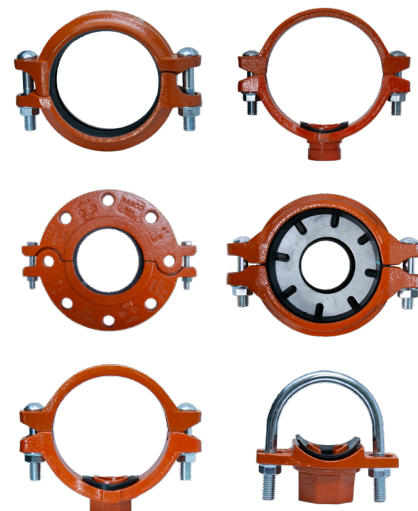


Table A

Manufacturer of Coupling Gasket	Gasket Material	Gasket Material Grade	Temperature Range	Embedded Lubrication in Coupling Gaskets	Powder Lubrication on Coupling Gaskets	Embedded Lubrication in Gaskets for Other Products	Listed for Dry Pipe Systems
Reliable Standardized Gasket	EPDM	Grade E	-30° F to 230° F (-34° C to 110° C)	✓	✓	✓	✓
Competitor A Green Stripe	EPDM	Grade E	-30° F to 230° F (-34° C to 110° C)	X	X	X	X
Competitor B Green Stripe	EPDM	Grade E	-40° F to 230° F (-40° C to 110° C)	X	X	X	X
Competitor A Purple Stripe	EPDM	Grade E Type A	-30° F (-34° C) to Unspecified	✓	X	X	✓
Competitor B Purple Stripe	EPDM	Grade E Type A	-40° F to 150° F (-40° C to 66° C)	✓	X	X	✓