

RC GASKETS

The RC gasket is a non-critical service gasket predominately used in low pressure applications, such as non-potable water. The Rubber Coated gasket is unique in the fact that there are no external seals or seal grooves. The face of the gasket itself is the sealing element. The RC gasket is composed of glass reinforced epoxy bonded to a .063" thick nitrile coating.

The PIKOTEK® RC gasket has a maximum operating temperature limit of 230°F and can be used in the following flange specifications: B16.5, B16.47, AWWA C-207, MIL-F-20042 as well as non USA based specifications. RC gaskets are available in raised as well as flat face flange style.



RECOMMENDED APPLICATIONS:

- » Non-potable water
- » Utility gas applications
- » *Aliphatic hydrocarbons

FEATURES:

- » Great for non-potable water applications
- » Excellent for non-metallic flanges

GASKET MATERIAL PROPERTIES:

G-10 NEMA grade G-10 Glass-Reinforced (GRE) Epoxy:

- » Compressive Strength (PSI): 65,000
- » Dielectric Strength (V/mil): 800
- » Max, Continuous Operating Temp: 230°F (121°C)
- » Water Absorption (%): ASTM .01 - .02 Typical
- » Flexural Strength (PSI): 65,000
- » Tensile Strength (PSI): 50,000

Buna-N (Nitrile) Rubber

- » *General Purpose Elastomer. Excellent for use in water systems or with some aliphatic hydrocarbons, silicone based fluids and glycol based systems.
- » Temperature Range: -30°F to 230°F (-34°C - 110°C)

*Please contact GPT product management for chemical compatibility information

RC FLANGE ISOLATION KITS:

Available Washer Types:

- » G-10
- » Zinc plated stainless steel

Available Sleeve Types:

- » G-10
- » Mylar

INNOVATIVE ENGINEERING FOR CORROSION PROTECTION

GPT1-26_11.2021