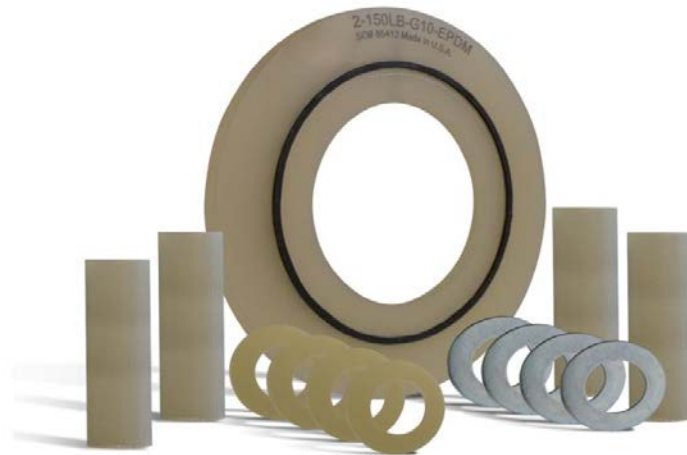


Isolating Flange Kit



The PGE is a non-critical service seal kit designed for electrical flange isolation and/or general sealing applications: This seal is suitable for use in raised-face and full face flanges up to ANSI class 600 (or equivalent) and is excellent for isolating flanges made of dissimilar metals or where prevention of flange face corrosion is desired. The design of the Pikotek PGE seal incorporates overlapping and offsetting seal grooves. The purpose of this design is to block each layer of laminate within the seal itself thereby creating a barrier through which fluid and/or gas cannot migrate. The sealing element can be any elastomeric material as well as more sophisticated Spring-Energized Teflon lip seals. As a result of this advanced seal design, maintenance free flange isolation and flange face corrosion mitigation are achieved economically.

The PGE retainer is constructed of very rigid Glass-Reinforced Epoxy (GRE) laminates, which exhibit excellent dielectric strength, high compressive strength and superior sealing characteristics.

When ordering a complete PGE , Isolation Kit, the following must be specified:

- Flange Specification [ANSI/ASME, MSS,BSI or DIN standard]
- Size Pressure Rating [ANSI class 600 maximum]
- Operating Pressure, Temperature and Media
- Required Seal Material
- Isolating Sleeve Material
- Isolating Washer Material
- Metal Washer Material