



GORE® Gasket Tape



Thin Profile, Form-In-Place Gasketing

WHENEVER COMPRESSED THICKNESS IS CRITICAL

GORE® gasket tape is a flat, thin, form-in-place gasketing material. It can be used to form a full-face strip-type gasket under 2 inches (50.8 mm) wide for smooth, flat, rectangular sealing surfaces or for narrow sealing surfaces. It easily compresses into an extremely thin profile, and requires only minimal compression to seal. GORE® gasket tape is an ideal choice when compressed thickness is critical, and perfect for equipment with tight tolerances.

Available in a variety of widths and thickness, this gasketing can be shaped easily and quickly, without precutting, to fit any ring-type or full-face gasket application. GORE® gasket tape, with self-adhesive backing, can be used anywhere you need a flat, thin, engineered gasket.

TECHNICAL DATA

MATERIAL

100% expanded PTFE

TEMPERATURE RANGE

-450°F to +600°F (-268°C to +315°C)

OPERATING PRESSURE

Vacuum to 3,000 psig (200 bar)

CHEMICAL RESISTANCE

Resistant to all common chemicals in the 0-14 pH range, except molten alkali metals and elemental fluorine.

COMPRESSIBILITY

52% (ASTM F-36)

SEALABILITY

.03 ml/hr (ASTM F-37-B)
30 psig/2 bar-air.

CREEP RELAXATION

32% (ASTM F-38)

PHYSIOLOGICAL SAFETY

FOR INDUSTRIAL USE ONLY. Not for use in food, drug, cosmetic or medical device manufacturing, processing, or packaging operations.



KEY FEATURES

- Made of 100% expanded PTFE
- Conforms to flange irregularities
- Chemically inert
- Flat, thin, rectangular gasket
- No wasteful scrap

KEY BENEFITS

- Outstanding versatility
- Low stress to seal
- Easy to install and remove
- Lowers total sealing costs



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ALWAYS FITS JUST RIGHT

Because it is engineered to exacting width and thickness specifications, GORE® gasket tape will always fit perfectly on sealing surfaces where compressed thickness or width is critical. It is ideal for any application that has complicated or narrow sealing surfaces, that needs edge-to-edge coverage or that requires full-face gasketing.

IDEAL FOR ORIGINAL EQUIPMENT

GORE® gasket tape is an engineered form-in-place gasketing material. Because it can fill large surface irregularities, a high-grade surface finish is not necessary. Often, this saves time and money. Stress factors can be calculated accurately using conventional methods. You can depend on GORE® gasket tape for a consistently perfect fit.

AVAILABLE SIZES

Standard Nominal Thicknesses	Standard Nominal Widths
.010" (.25 mm)	1/2" (13 mm)
.020" (.50 mm)	3/4" (20 mm)
.040" (1.0 mm)	1" (25 mm)
.065" (1.5 mm)	2" (50 mm)
.120" (3.0 mm)	

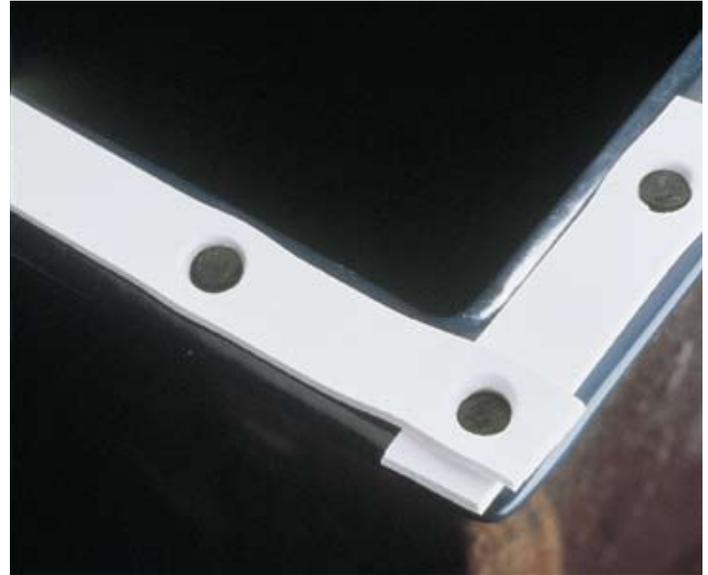
EASY TO INSTALL AND REMOVE

Maintenance time is kept to a minimum during both installation and replacement. The self-adhesive backing makes GORE® gasket

Supplied By:

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tape quick and easy to apply: even on irregular surfaces and those that are slightly oily or wet. To make a gasket, simply remove the backing, apply to flange, cut to length and cross over the ends — there's never any wasteful scrap. For full-face gasketing, the bolt holes can be punched out after application with a hole punch or any sharp object. When it's time to remove, it usually peels cleanly off the flange with no scraping required.

OUTSTANDING VERSATILITY

GORE® gasket tape is effective at temperatures ranging from -450°F to +600°F and is compatible with all chemicals in the 0-14 pH range (except for elemental fluorine and molten alkali metals). Its high tensile strength allows it to withstand internal pressures up to 3,000 psig (1,800,000 P x T factor). The material is non-contaminating and non-aging. It is perfectly suited for cryogenic applications.

For detailed selection criteria, technical information, installation guideline and the complete listing of local sales offices, please visit gore.com/sealants.

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