



GORE-TEX GR® Sheet Gasketing

Sealing with Certainty™



Ideal For Practically All Gasketing Applications

GORE-TEX GR® sheet gasketing is made from 100% expanded PTFE. Because it is dimensionally stable, yet conformable, it is ideal for real-world flange conditions.

GORE-TEX GR® sheet gasketing has the benefits of conventional PTFE sheet with significantly less creep and cold flow that is commonly associated with that material. It conforms to rough sealing surfaces, yet compresses into an extremely tough gasket that makes a tight, long lasting seal.

GORE-TEX GR® Style R sheet gasketing is a more rigid version, with a six-fold increase in bend resistance. This makes gasket positioning easier in large flanged openings or where gaskets must be positioned in hard-to-reach places.

Technical Data

Material:

100% expanded PTFE, with multi-directional strength.

Temperature Range:

-450°F to 600°F (-268°C to 315°C)

Chemical Resistance

Resistant to all media in range of pH 0-14, except molten alkali metals & elemental fluorine, particularly at elevated temperatures and pressures.

Operating Pressure:

Vacuum to 3000 psig (200 bar)

Stability:

Not subject to aging and can be stored indefinitely.

Safety:

Complies with FDA 21 CFR 177.1550 (PTFE) food requirements.

GASKETING FOR PIPE FLANGES

Key Features

- Chemically inert
- Soft & conformable
- Dimensionally stable
- High tensile strength
- Resistant to creep & cold flow

Key Benefits

- Seals irregular flanges
- Retains stress; minimum retorquing
- Sealing reliability

