

# PRODURA<sup>®</sup>

## Sheet Gasketing



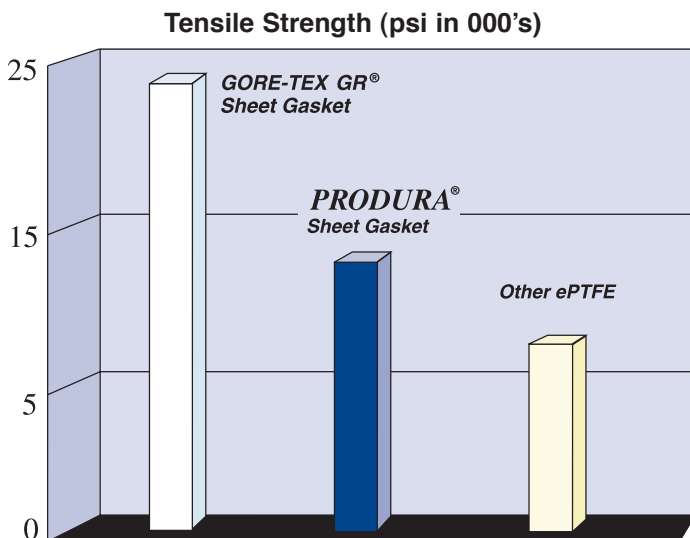
**Greater strength  
for a more  
reliable seal.**



**PRODURA<sup>®</sup> sheet gasketing** is chemically inert and made from 100% expanded virgin PTFE. It is the ideal sheet for industrial gasketing users who wish to balance sealing reliability with cost. Possessing greater strength than similarly priced PTFE sheets, PRODURA<sup>®</sup> sheet gasketing provides better sealing reliability. Mechanically altered to decrease creep relaxation, its fibrous structure is both strong and very conformable to create a tight and lasting seal.

### Compare its tensile strength.

Tensile strength has been identified as a key parameter in relation to a gasket's ability to resist gross leakage (or blowout) while in service. With higher tensile strength than others in its class, PRODURA<sup>®</sup> sheet gasketing is the clear choice for moderate applications.



## PRODURA<sup>®</sup>

### Sheet Gasketing

## FEATURES

- Inherent strength against blowout
- Resists cold flow and creep relaxation
- Highly reliable seal ... low emissions
- Compatible with all common chemicals
- Pure and non-contaminating
- Wide operating range
- 60" x 60" expanded PTFE sheet format

## Typical Properties

### Stress to Seal

$$y = 2800 \text{ psi}$$
$$m = 2.5$$

### Compressibility

(ASTM F-36) 45%

### Recovery

(ASTM F-36) 10%

### Sealability

(ASTM F-37b) 0.4 ml/hr  
N<sub>2</sub> @ 30psig

### Creep Relaxation

(ASTM F-38) 35%

### Temperature Range

-450°F to +600°F (-268°C to +315°C)

### Pressure

Full vacuum to 3000 psi

### pH Limit

pH 0 – 14

### Stability

Not subject to aging and can be stored indefinitely

### Safety

Complies with FDA 21 CFR 177.1550  
(PTFE) food requirements

### Standard Thicknesses

1 mm  
1/16"  
1/8"  
1/4"

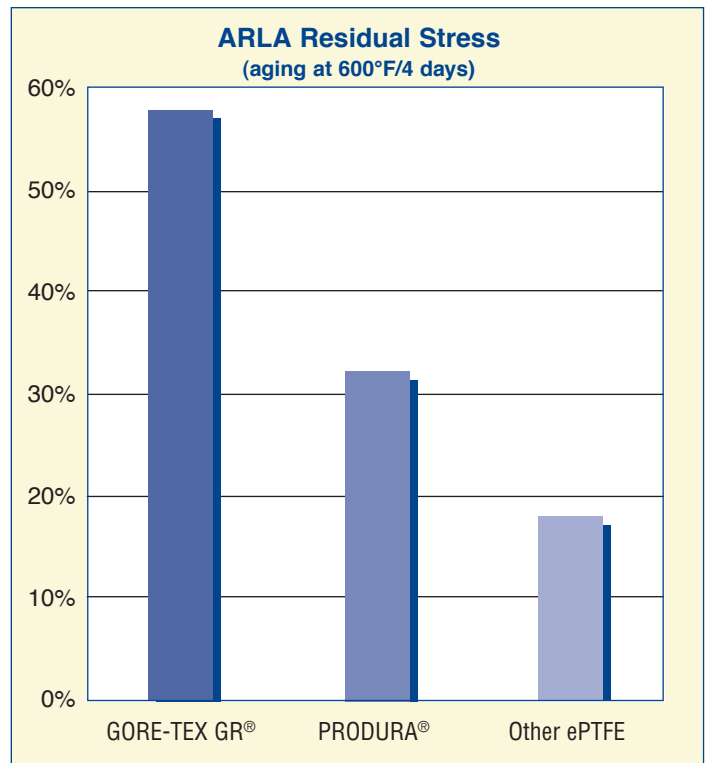
### Available Sizes:

60" x 60" sheet (1524 mm x 1524 mm)

## Less creep and retorquing.

Due to the highly fibrillated microstructure of the gasketing material, PRODURA® sheet gasketing is resistant to creep relaxation, and outperforms others in its class.

For your most critical applications, GORE-TEX GR® sheet gasketing offers the ultimate in sealing reliability. However, for more moderate applications, PRODURA® sheet gasketing is the best alternative when balancing reliability and cost.



Contact your PRODURA® sheet gasketing distributor for assistance with applications and selection criteria.

Authorized Distributor