

# GYLON® Styles 3500 to 3510

## Benefits

### Tighter seal

- Improved performance over conventional PTFE
- Reduced product loss and emissions

### Reduced creep relaxation

- Unique manufacturing process minimizes cold flow problems typical of skived and expanded PTFE sheets
- Excellent bolt torque retention

### Chemical resistance

- Withstands a wide range of chemicals for extended service life in a wide variety of applications

### Cost savings

- Cuts operational costs through reduced:
  - Fluid loss
  - Energy consumption
  - Maintenance costs
  - Inventory costs
  - Waste

### Largest sheet sizes\*

- Offers some of the largest sheet sizes in the industry
- Improved material utilization reduces waste

### Branding and color coding

- Easy identification of superior GYLON® products
- Reduces misapplication and use of unauthorized, inferior substitutes

\* 60" x 60" (1524 mm x 1524 mm), 70" x 70" (1778 mm x 1778 mm), 60" x 90" (1524 mm x 2286 mm)

## Media

**GYLON® 3500:** Strong acids (except hydrofluoric), solvents, hydrocarbons, water, steam, chlorine, and cryogenics. Conforms to FDA regulations. (For oxygen service, specify "Style 3502 for oxygen service.")

**GYLON® 3504:** Moderate concentrations of acids and some caustics, hydrocarbons, solvents, water, refrigerants, and cryogenics. Conforms to FDA regulations. (For oxygen service, specify "Style 3505 for oxygen service.")

**GYLON® 3510:** Strong caustics, moderate acids, chlorine, gases, water, steam, hydrocarbons, and cryogenics. Conforms to FDA regulations. (For oxygen service, specify "Style 3503 for oxygen service.")

# GYLON® Style 3530

## Benefits

### Tighter seal

- Graphite-filled PTFE offers extremely low void content for minimal emissions

### Chemical resistance

- Black GYLON® delivers long service against volatile hazardous pollutants (VHAP and VOC)
- Withstands high concentrations of hydrofluoric acids and other glass-dissolving media
- Also ideal for monomer service and cryogenics

# Style 3535 Joint Sealant

## Benefits

### Chemical resistance

- Pure PTFE is chemically inert, withstands a wide range of chemicals
- Conforms to FDA regulations



### Easy to install

- Continuous length on spools is easily cut and formed
- Strong adhesive backing aids installation on narrow or hard-to-reach flanges
- Available in widths from 1/8" to 1"

## Typical Physical Properties

<b>Sealability</b> (ASTM F37B) <sup>1</sup> ml/hr	0.1
<b>Gas Permeability</b> (DIN 3535 Part 4) <sup>2</sup> cc/min.	0.05

### Notes:

- ASTM F37B Sealability, milliliters/hour (1/4" thick)  
ASTM Fuel A (isooctane):  
Gasket load: 3,000 psi (20.7 N/mm<sup>2</sup>), Internal pressure: 30 psig (2 bar)
- DIN 3535 Part 4 Gas Permeability, cc/min. (1/4" thick)  
Nitrogen:  
Internal pressure: 580 psig (40 bar), Gasket load: 4,640 psi (32 N/mm<sup>2</sup>)

### WARNING:

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury.

Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

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