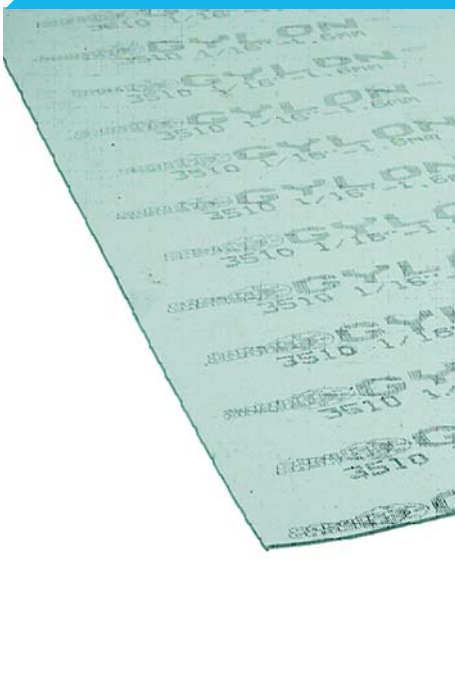


# Gylon Sheet Gaskets White 3510



Asbestos free Gylon sheet gaskets outclass the conventional PTFE as gaskets for the drastic reduction of creep and cold flow.

Gylon White (3510) is universally chemically resistant and as a result, the most resistant Gylon quality.

## Properties

: Gylon is specially developed in order to be used in the food stuffs, chemical and petrochemical industry, pulp and paper manufacture and by pharmaceutical companies

## Delivery options

: Sheet: 1000 x 1000 mm / 1500 x 1500 / 1500x2280/1780x1780  
Thicknesses (mm)  
0.4/0.8/1.0/1.6/2.0/3.2/4.8/6.4  
Standard gaskets pursuant to EN (DIN and Asmenorms generally available from stock. 1514-1 or for ANSI flanges. Cut gaskets according to your specifications or drawings.

## Tests and Approvals

: TALuft, FDA, BAM, (Oxygen 25 bar 200°C) Recommended by the "Chlorine Institute Washington" as a seal for liquid and gaseous chlorination.

## Technical properties of Gylon White 3510

|  |   | Norm            |                   | Unit              |
|--|---|-----------------|-------------------|-------------------|
| General data                             | Base material   |                 | Modified PTFE     |                   |
|  | Filling   |                 | Barium sulphate   |                   |
|  | Binder  |                 | None              |                   |
|  | Deposit   |                 | None              |                   |
|  | Colour  |                 | Off white         |                   |
|  | Labeling  |                 | Blue              |                   |
|  | Identification  | DIN E 28090-1   | TF-Z-0            |                   |
| Range of application                     | Minimal continual temperature   |                 | -210              | °C                |
|  | Maximum continual temperature   |                 | +260              | °C                |
|  | Maximum pressure  |                 | 83(3)             | bar               |
| Physical properties for a density of 2mm | Density   | DIN E 28091 T.2 | 2.8               | g/cm <sup>3</sup> |
|  | Compressibility   | ASTM F 36       | 4-10              | %                 |
|  | Elastic capacity  | ASTM F 36       | 40                | %                 |
|  | Tensile strength  | ASTMF - 152     | 14                | N/mm <sup>2</sup> |
|  | Gas permeability  | DIN 3535 / 6    | 0.1               | cmVmin            |
|  | Leakage factor (leak rate) A 2.0  | DIN 28090 - 2   | <0.001            | mg/s*m            |
|  | Relaxation  | ASTM F 38       | 11                | %                 |
|  | Relaxation at temperature<br>at 150° - 30N/mm <sup>2</sup><br>at 175° - 50N/mm <sup>2</sup> | DIN 52913       | 16<br>25          | N/mm <sup>2</sup> |
| Values for calculation codes             | ASME & EN 13445-3   | m               | 2                 |                   |
|  |   | y               | 25                | N/mm <sup>2</sup> |
|  | PVRC  | G <sub>b</sub>  | (1)               | Psi               |
|  |   | A               | (1)               |                   |
|  |   | G <sub>a</sub>  | (1)               | Psi               |
|  | DIN 28090-1 minimum tension   | oVU             | 25                | N/mm <sup>2</sup> |
| DIN 28090-1 maximum tension              | oVO   | 160             | N/mm <sup>2</sup> |                   |

(1) Not available on the date of publication (2) not applicable (3) dependent on bolt strength

For more information, a quotation or to place an order, please contact one of our specialists on 0121 501 2021 or your local service centre ([www.eriks.co.uk](http://www.eriks.co.uk))