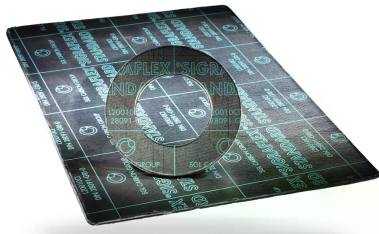


RELY ON EXCELLENCE

## Statotherm P foil 9591

Packings & Gaskets | Graphite gasket sheets



### Features

Statotherm P Foil 9591 is a gasket sheet consisting of unreinforced, flexible graphite foil with a purity of  $\geq 99.85\%$  and a low ash content. Statotherm P foil 9591 a basic gasket material without measurable cold or warm flow, making it usable as a gasket material for fittings and pumps in all branches of industry (especially for emergency repairs and complicated shapes). Equates to the SGL Sigraflex Basis Z.

### Notes

For safe operation, always use seals that are dry and undamaged.

### Advantages

- High flexibility
- Ease of use
- No measurable cold or warm flow

### Operating range

Pressure:  $p = 40$  bar  
Temperature

- Continuous operation:  
 $t = -250\text{ °C} \dots +450\text{ °C}$
- Steam:  $t_{\text{max}} = +550\text{ °C}$

Recommended surface roughness:  $RZ = 12.5 \dots 50\ \mu\text{m}$

Chemical resistance:  $\text{pH} = 0 \dots 14$   
Resistant to almost all organic and inorganic acids, alkalis, oils and solvents. Not suitable for use in highly oxidizing media or in elementary fluorine, bromine, sulfur trioxide or ozone ( $\text{O}_3$ )  $> 150\text{ °C}$ .

### Standards and approvals

- BAM (upon request)
- DVGW

### Recommended applications

Industries

- Process industry
- Oil & gas industry
- Petrochemical industry
- Chemical industry
- Power plant technology
- Water and waste water technology
- Building services engineering
- Shipbuilding
- Metal production and processing