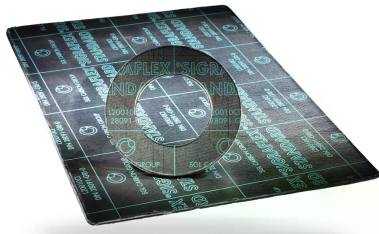


RELY ON EXCELLENCE

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 (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