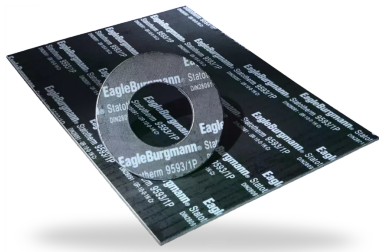


RELY ON EXCELLENCE

## Statotherm 1P 9593/1P

Packings & Gaskets | Graphite gasket sheets



### Features

Statotherm 1P 9593/1P is a gasket sheet made from flexible, expanded graphite foils (purity > 98 %) which can be reinforced with a stainless steel sheet insert (material: 316 (L), 0.05 mm thick). Statotherm 1P 9593/1P is a gasket with a particularly adaptable graphite overlay that allows it to be used with low surface pressures and in fragile flanged connections.

### Notes

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

### Advantages

- No embrittlement
- Outstanding oxidation resistance
- Can be used in fragile flanged connections

### Operating range

Pressure:  $p = 40$  bar

Temperature

- Continuous operation:  
 $t = -200\text{ °C} \dots +400\text{ °C}$
- Steam:  $t_{\text{max}} = +550\text{ °C}$
- Inert environment:  
 $t_{\text{max}} = +550\text{ °C}$

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 ( $\text{O}_3$ ) >  $150\text{ °C}$ .