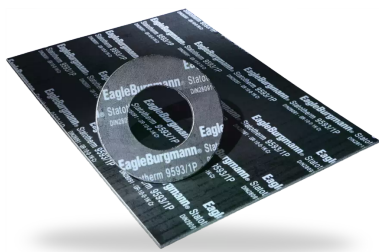


RELY ON EXCELLENCE

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 (O_3) > 150 °C .