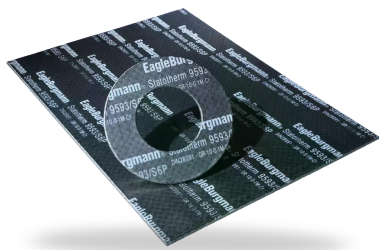


RELY ON EXCELLENCE

Statotherm S6P 9593/S6

Packings & Gaskets | Graphite gasket sheets



Features

Statotherm S6 9593/S6 is a gasket sheet made from flexible graphite (purity > 98.0 %), reinforced with stainless steel tangential insert (material 316 (L), 0.1 mm thick). The outstanding properties of the Statotherm S6P 9593/S6P are especially useful in pipe flanges, hand holes and flanged connections on pumps, valves, slide valves and ball valves.

Advantages

- Good oxidation resistance
- High mechanical strength

Operating range

Pressure: $p = 100 \text{ bar}$
Temperature

- Continuous operation:
 $t = -200 \text{ °C} \dots +500 \text{ °C}$
- Steam: $t_{\text{max}} = +550 \text{ °C}$

Recommended surface roughness:

$RZ = 12.5 \dots 50 \text{ }\mu\text{m}$

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.

Recommended applications

Industries

- Process industry
- Petrochemical industry
- Chemical industry
- Power plant technology
- Pulp and paper industry
- Mining
- Building services engineering
- Metal production and processing