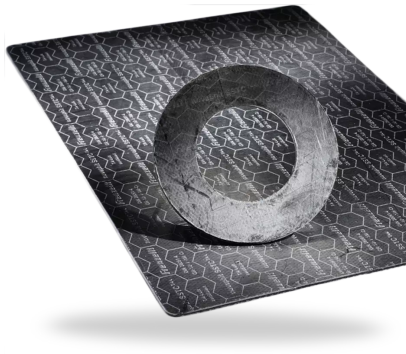


RELY ON EXCELLENCE

Statotherm SSTC-TAL 9592/P

Packings & Gaskets | Graphite gasket sheets



Features

Statotherm SSTC-TAL 9592 is a high-performance seal material made from flexible, expanded graphite (purity > 99 %). It is reinforced with a threedimensional expanded metal insert made from chromiumnickel steel (1.4404, AISI 316 (L)). The combination of performance-optimised impregnation and expanded metal insert to create a seal allows it to be used universally as defined in the TA Luft. Equates to the Frenzelit novaphit SSTC-TA-L.

Notes

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

Advantages

- Optimum distribution of the surface pressure
- High seal tightness to reduce emissions

Operating range

Pressure: $p = 200 \text{ bar}$
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 (O₃).

Standards and approvals

- TA Luft
- BAM (upon request)
- DVGW
- Fire safe (API607 / BS6755)
- Blow-out resistance (VDI 2200, class C)
- VP 401

Recommended applications

Industries

- Process industry
- Oil & gas industry
- Petrochemical industry
- Chemical industry
- Power plant technology