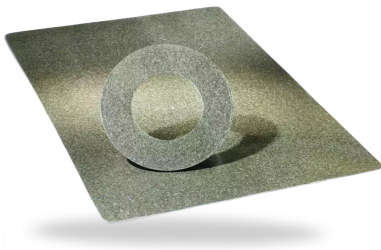


RELY ON EXCELLENCE

## Statotherm HT 9560

Packings & Gaskets | Mica gasket sheets



### Features

Statotherm HT 9560 is a gasket made from particularly heat-resistant natural mica. It is available without and with spit plate reinforcement (9560 and 9560/3). The outstanding thermoactive sealing behavior (from around 600 °C) is achieved through a specially developed treatment. The material's expansion ratio actively counteracts any loss of surface pressure, which in turn guarantees the tightness and stability that the gasket needs for sealing even extreme conditions.

### Notes

The gasket is normally installed between flat sealing surfaces. Please note that the seal thickness is set during installation as a result of the bolt-tightening forces acting on the flange. The standard thickness of 1.3 mm when new settles to around 1.05 mm with surface pressure of 15 MPa at room temperature. Once this adaption has taken place, there is no further significant settling or flow.

### Advantages

- Extreme temperature stability
- Active expansion behavior when exposed to high temperatures
- Good chemical resistance

### Operating range

Pressure:

9560: p = 5 bar

9560/3: p = 40 bar

Temperature

- Continuous operation:  
t<sub>max</sub> = + 950 °C
- Inert environment:  
t<sub>max</sub> > 1,200 °C

Recommended surface roughness:

RZ = 40 ... 60 µm

Guaranteed chemical resistance even in many gaseous media.

### Sealing parameters

Thermal conductivity coefficient of sealant at 400 °C:  $\lambda = 0,35 \text{ W/mK}$  Compressive strength for sealant to DIN 52913 (16 hours at 300 °C): 35 ... 40 MPa

### Recommended applications

Industries

- Aviation and aerospace industry
- Power plant technology
- Metal production and processing

Components

- Blowers
- Flange connections
- Exhaust ducting
- Ovens
- Furnaces