

RELY ON EXCELLENCE

## Statotherm V-Flex 6850/V

Packings & Gaskets | Graphite seals & tapes



### Features

The Statotherm V-Flex 6850/V is a cover seal packing braided with a rectangular profile. It is made from permanently elastic, expanded pure graphite foil (> 96 %) with Inconel wire reinforcement to increase pressure resistance. It was specially developed as a servicing replacement for sealing covers in valves and blind flanges. This is an outstandingly service-friendly gasket with universal media resistance. It is commonly used in power stations. It is installed from the roll and thus requires no special tools.

### Advantages

- Extremely flexible and adaptable
- Suitable for a long service life
- Easy to install and remove
- Fills large gaps and compensates for damage

### Operating range

Pressure:  $p = 500 \text{ bar}$

Temperature

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

- R

Z

- $= 10 - 40 \text{ }\mu\text{m}$
- Chemical resistance:  $\text{pH} = 0 \dots 14$
- Not suitable for use in highly oxidizing media.

### Sealing parameters

- Chloride content:  $\leq 100 \text{ ppm}$
- Average density:  $1.4 \text{ g/cm}^3$

### Recommended applications

Industries

- Process industry
- Petrochemical industry
- Chemical industry
- Power plant technology
- Building services engineering

Covers

- Hatches
- Valves
- Maintenance seals