

RELY ON EXCELLENCE

## Thermoflon 6230

Packings & Gaskets | Packing for pumps



### Features

Thermoflon 6230 is a diagonally braided packing made from 100% genuine GFO (graphite incorporated PTFE yarn). With its universal structure, the packing is used in almost every branch of industry.

### Notes

For sealing hot water pumps, the required leakage must always emerge in liquid form in order to lubricate the packing. The compression packing will have to be cooled via a lantern ring or a jacket, gland or shaft cooling system if the heat radiation via the stuffing box housing is not sufficient.

### Advantages

- Treats shafts gently
- High cross-sectional stability
- Highly flexible
- Outstanding functional efficiency
- Very good emergency running properties
- Very high thermal conductivity
- No embrittlement
- Does not age
- Long service life

### Operating range

#### Pumps

Pressure:  $p = 25$  bar

Sliding velocity:  $vg = 25$  m/s

**Valves** Pressure:  $p = 100$  bar

Sliding velocity:  $vg = 2$  m/s

#### Plunger Pumps

Pressure:  $p = 250$  bar

Sliding velocity:  $vg = 2$  m/s

#### Mixers, agitators, kneaders, filters

Pressure:  $p = 25$  bar

Sliding velocity:  $vg = 2$  m/s

### Temperature

- Continuous operation:  
 $t = -200$  °C ...  $+280$  °C
- Hot water:  
without cooling...  $+140$  °C

### Chemical resistance:

pH = 0 ... 14

Not suitable for use in oxidizing media such as oleum (fuming nitric acid), gaseous fluorine and molten alkali metals.

### Recommended applications

#### Industries

- Process industry
- Oil and gas industry
- Petrochemical industry
- Chemical industry
- Pharmaceutical industry
- Power plant technology
- Pulp and paper industry
- Water and waste water technology
- Mining industry
- Building services industry
- Food and beverage industry
- Shipbuilding
- Sugar industry
- Metal production and processing

#### Mechanical units

- Pumps
- Agitators
- Mixers
- Kneaders