

RELY ON EXCELLENCE

## Thermoflon SL 6230/SL

Packings & Gaskets | Packing for pumps



### Features

Thermoflon SL 6230/SL is a diagonally braided packing made from graphite-incorporated PTFE yarn with additional lubricant. 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
- Extremely low friction coefficients
- No stick-slip effect
- Highly flexible
- High volumetric stability
- Outstanding functional efficiency
- Very high thermal conductivity
- No embrittlement
- Does not age

### Operating range

#### Pumps

Pressure: p = 25 bar

Sliding velocity: vg = 20 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 (-328 °F ... +536 °F)
- Hot water:  
without cooling ... +140 °C

### Chemical resistance:

pH = 0 ... 14

Not suitable for use in hot steam or abrasive media.

### 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

- Centrifugal pumps
- Agitators
- Mixers
- Kneaders