

RELY ON EXCELLENCE

Thermoflon SL 6230/SL

Packings & Gaskets | Packings 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:
 $t = -200\text{ °C} \dots +280\text{ °C}$ ($-328\text{ °F} \dots +536\text{ °F}$)
- Hot water:
without cooling $\dots +140\text{ °C}$

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