

RELY ON EXCELLENCE

Thermoflon 6230

Compression packings / Gaskets | Packings for pumps



Features

Thermoflon 6230 is a diagonal braided packing solution with high cross-sectional density of 100 % original GFO® (graphite-incorporated PTFE yarn).

Advantages

- Outstanding operating reliability
- Low friction and easy start-up conditions
- Gentle to the shaft
- High flexibility
- Good emergency running properties
- Excellent thermal conductivity
- Long service-life

Operating range

Pressure:

p(pumps) = 25 bar,

p(valves) = 100 bar,

p(plunger pumps) = 250 bar,

p(mixers, agitators, kneaders, filters) = 25 bar

Sliding velocity:

vg(pumps) = 20 m/s,

vg(valves) = 2 m/s,

vg(plunger pumps) = 2 m/s ,

vg(mixers, agitators, kneaders, filters) = 2 m/s

Temperature: t = -200 °C ... +280 °C, hot water, without cooling system: max. +140 °C

Chemical resistance: pH = 0 ... 14

Universal chemical resistance, except strongly oxidizing media like oleum, fuming nitric acid, gaseous fluorine, molten and liquid alkali metals.

Notes

For hot water applications:

The necessary leakage for lubrication always has to be liquid. A cooling system is necessary, if cooling is insufficient through media or casing. The packing can be stored safely in its original packaging for a minimum of 3 years in dry, coll, conditions. The maximum stated operating temperature and pressure cannot be used simultaneously.

Article numbers of variants

6230/AK (braided in AK-profile)

6230/SL

Forms of supply

Content of boxes

up to 6 mm: 1 kg

up to 10 mm: 2 kg

up to 13 mm: 3 kg

from 14 mm: 5 kg

from 25 mm: 10 kg

Supplied by the meter, pre-cuts, die-pressed rings with straight or slanted cut

Recommended applications

- 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

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Dimensions

Stock dimensions: 4, 5, 6, 6.35, 8, 9.5,
10, 12, 12.7, 14, 15, 16, 18, 19, 20, 22, 25
mm
(other dimensions on request)

- Shipbuilding
- Sugar industry
- Metal production and processing
- Centrifugal pumps
- Agitators
- Mixers
- Kneaders

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All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications, however, means that they can serve only as guide values.

We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. This is subject to change.