

RELY ON EXCELLENCE

Thermoflon TR 6232

Packings & Gaskets | Packings for valves



Features

Thermoflon TR 6232 is a PTFE packing made from high purity graphite-incorporated PTFE without the addition of lubricants or fillers. It is ideal as a header ring to prevent gap extrusion. The special yarn structure also makes it suitable for temperature cycling applications.

Advantages

- High thermal conductivity
- No embrittlement
- Does not age
- Good volumetric stability
- Good structural strength
- Outstanding cross-sectional stability
- Gentle on spindle surfaces

Operating range

Valves

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

Sliding velocity: $vg = 2 \text{ m/s}$

Plunger Pumps

Pressure: $p = 800 \text{ bar}$

Sliding velocity: $vg = 2 \text{ m/s}$

Mixers, agitators, kneaders

Pressure: $p = 25 \text{ bar}$

Sliding velocity: $vg = 2 \text{ m/s}$

Temperature

- Continuous operation:
 $t = -200 \text{ °C} \dots +280 \text{ °C}$

Chemical resistance:

$\text{pH} = 0 \dots 14$

Universal chemical resistance. Also suitable for food applications. Not suitable for use in hot steam or abrasive media.

Standards and approvals

- FDA
- BAM (upon request)
- EPA provisions, article 3, 1935/2004

Recommended applications

Industries

- Food industry
- Chemical industry

Mechanical units

- Reciprocating piston pumps
- Mixer
- Agitators
- Kneaders

Components

- High pressure valves