

RELY ON EXCELLENCE

Buraflex HT 2000/HT

Packings & Gaskets | Packing for pumps



Features

Buraflex HT 2000/HT is a packing made from expanded graphite combined with Nomex yarn corners. The Buraflex HT is a special packing for applications with high temperatures and peripheral speeds.

Notes

Not suitable for plunger pumps. The maximum over-length for pre-cut lengths is 3 %.

Advantages

- High strength for low torques
- High cross-sectional stability
- Good heat conductivity
- Improved structural strength
- Protects against extrusion
- Abrasion resistance

Operating range

Pumps

Pressure: $p = 60 \text{ bar}$

Sliding velocity: $vg = 40 \text{ m/s}$

Valves

Pressure: $p = 80 \text{ bar}$

Sliding velocity: $vg = 5 \text{ m/s}$

Mixers, agitators, kneaders, filters

Pressure: $p = 40 \text{ bar}$

Sliding velocity: $vg = 10 \text{ m/s}$

Temperature

- $t = -100 \text{ °C} \dots +250 \text{ °C}$
- Steam: $t_{\text{max}} = +180 \text{ °C}$

Chemical resistance:

$\text{pH} = 1 \dots 13$

Suitable for water, waste water, sea water, hot water, boiler feed water, condensate, water vapour, neutral vapors, gases, air, nitrogen.

Particularly suitable for hot water and steam up to 180 °C .

Recommended applications

- Process industry
- Petrochemical industry
- Chemical industry
- Power plant technology
- Building services industry
- Power generation

Mechanical units

- Centrifugal pumps
- Compressors
- Blowers
- Ventilators

Components

- Control valves