

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:  $p = 60$  bar

Sliding velocity:  $vg = 40$  m/s

#### Valves

Pressure:  $p = 80$  bar

Sliding velocity:  $vg = 5$  m/s

#### Mixers, agitators, kneaders, filters

Pressure:  $p = 40$  bar

Sliding velocity:  $vg = 10$  m/s

### Temperature

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

### Chemical resistance:

pH = 1 ... 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