

RELY ON EXCELLENCE

## Spezial-Kombi K1 6430/K1

Packings & Gaskets | Packing for pumps



### Features

Spezial-Kombi K1 6430/K1 is a diagonally braided packing made from graphite-incorporated PTFE combined with reinforcing corners of aramid yarn to prevent gap extrusion in high pressure and temperature ranges. The Spezial-Kombi K1 is a special packing for applications at high pressures with oscillating movements at the same time.

### Advantages

- Good heat conductivity
- Good sliding properties
- Significantly reduced extrusion
- Long service life

### Operating range

#### Plunger Pumps

Pressure:  $p = 500$  bar

Sliding velocity:  $vg = 3$  m/s

#### Mixers, agitators, kneaders, filters

Pressure:  $p = 50$  bar

Sliding velocity:  $vg = 2$  m/s

### Temperature

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

### Chemical resistance:

pH = 1 ... 13

Suitable for water, waste water, sea water and abrasive and sticky media. Not suitable for concentrated acids and alkalis.

### Recommended applications

- Chemical industry
- Mining industry
- Petrochemical industry
- Process industry
- Pulp and paper industry
- Water and waste water technology

### Mechanical units

- Piston pumps