

RELY ON EXCELLENCE

Spezial-Kombi K1 6430/K1

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

Chemical resistance:

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

Suitable for water, waste water, sea water 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