

RELY ON EXCELLENCE

Spezial-Kombi K1 6430/K1

Compression packings / Gaskets | Packings for pumps



Features

Spezial-Kombi K1 6430/K1 is a high quality combination of PTFE/graphite yarns diagonally braided with corners of aramid fiber to reduce gap extrusion. This is a special packing for applications at high pressure range and simultaneous oscillating movements as in plunger pumps.

Advantages

- Good thermal conductivity
- Great sliding characteristics
- Extraordinary reduced friction
- Long service life

Operating range

Pressure:

p(plunger pumps) = 500 bar,

p(mixers, agitators, kneaders, filters) = 50 bar

Sliding velocity:

vg(plunger pumps) = 3 m/s (plunger pumps),

vg(mixers, agitators, kneaders, filters) = 2 m/s

Temperature: t = -100 °C ... +250 °C,

steam: +180 °C

Chemical resistance: pH = 1 ... 13

Suitable for water, wastewater, seawater, as well as for abrasive and adhesive media. Not suitable for strong acids or strong alkalis.

Article numbers of variants

6430/K2 (for Abrasive media)

6430/K1S (silicon-oil-free lubrication)

6430/K1K (with elastomer core) - on request

Forms of supply

Content of boxes

up to 6 mm: 1 kg

up to 10 mm: 2 kg

up to 13 mm: 3 kg

from 14 mm: 5 kg

from 25 mm: 10 kg

Supplied by the meter, pre-cuts, die-pressed rings with straight or slanted cut

Recommended applications

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

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Dimensions

Stock dimensions:

10, 12, 12.7, 16 mm

(other dimensions on request)

eagleburgmann.com
info@eagleburgmann.com

All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications, however, means that they can serve only as guide values.

We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. This is subject to change.