

RELY ON EXCELLENCE

Supraflon 6435

Packings & Gaskets | Packings for pumps



Features

Supraflon 6435 is a packing made from aramid staple fibers with silicone oil-free universal lubricant and PTFE impregnating agent. The aramid fibers are diagonally braided. It is used, in particular, in the paper and chemical industries, and in power stations.

Notes

Because the aramid fibers are highly stable, we recommend a surface hardness of 40 ... 60 HRC to avoid wear on the running surfaces of shafts and sleeves.

Advantages

- High resistance to abrasive media
- Extraordinary cross-sectional tightness
- Good sliding properties
- Highly wear-resistant
- Treats shafts gently

Operating range

Pumps

Pressure: $p = 20$ bar

Sliding velocity: $vg = 20$ m/s

Plunger Pumps

Pressure: $p = 100$ bar

Sliding velocity: $vg = 1,5$ m/s

Mixers, agitators, kneaders, filters

Pressure: $p = 20$ 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

Recommended for abrasive media, e.g. lime, sand, solids and sticky media, bitumen and adhesive.

Recommended applications

Industries

- Building services industry
- Chemical industry
- Mining industry
- Process industry
- Pulp and paper industry
- Sugar industry
- Water and waste water technology

Mechanical units

- Pumps
- Valves
- Mixers
- Pulpers