

RELY ON EXCELLENCE

Araflon 6426

Packings & Gaskets | Packing for pumps



Features

Araflon 6426 is a packing made from high quality, smooth, synthetic and partly pre-impregnated continuous aramid fibers (Kevlar) with multiple applications of PTFE impregnating agent and lubricant additive. The aramid fibers are diagonally braided. This is a high quality and high strength packing. It is used, in particular, in the chemical, petrochemical, waste water and paper industries.

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
- Long service life
- High purity
- Extremely stable and durable

Operating range

Pumps

Pressure: $p = 25$ bar

Sliding velocity: $vg = 25$ m/s

Piston pumps

Pressure: $p = 100$ bar

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

Mixers, agitators, kneaders, filters

Pressure: $p = 25$ bar

Sliding velocity: $vg = 2$ m/s

Temperature

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

Chemical resistance:

pH = 2 ... 12

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

Recommended applications

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

Mechanical units

- Pumps
- Mixer
- Pulper