

RELY ON EXCELLENCE

Araflon 6426

Packings & Gaskets | Packings 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: $p = 25 \text{ bar}$

Sliding velocity: $vg = 25 \text{ m/s}$

Piston pumps

Pressure: $p = 100 \text{ bar}$

Sliding velocity: $vg = 1,5 \text{ m/s}$

Mixers, agitators, kneaders, filters

Pressure: $p = 25 \text{ bar}$

Sliding velocity: $vg = 2 \text{ m/s}$

Temperature

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

Chemical resistance:

$\text{pH} = 2 \dots 12$

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