

RELY ON EXCELLENCE

Buraflon 5846

Compression packings / Gaskets | Packings for pumps



Features

Buraflon 5846 is a ramie fibre packing, diagonally braided, with light-coloured special PTFE-impregnation to avoid product contamination, based on paraffin wax and oil (silicon oil free). Therefore it is particularly resistant against degradation of fibers through salt water attack. Buraflon 5846 is a suitable solution for marine applications and applications in the brewing and beverage industry as well as in the pharmaceutical industry.

Advantages

- Easy handling
- Gentle on shaft surfaces
- Excellent abrasion resistance
- Resistant against degradation of fibres through salt water attack

Operating range

Pressure:
 $p = 25$ bar (pumps),
 $p(\text{valves}) = 100$ bar,
 $p(\text{plunger pumps}) = 100$ bar,
 $p(\text{mixers, agitators, kneaders, filters}) = 20$ bar

Sliding velocity:
 $vg(\text{pumps}) = 12$ m/s,
 $vg(\text{valves}) = 2$ m/s,
 $vg(\text{fans, blowers}) = 1.5$ m/s,
 $vg(\text{mixers, agitators, kneaders, filters}) = 2$ m/s

Temperature: $t = -50$ °C ... $+140$ °C

Chemical resistance: pH = 5 ... 11

Standards and approvals

- Fraunhofer Institute: FDA US 21 CFR 170,3(i)
- EPA regulation, article 3, 1935/2004

Notes

Not suitable for strong acids or strong alkalis.

Article numbers of variants

5846/AK (braiding in AK-profile)

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-cut lengths, die-pressed rings with straight or slanted cut, also available in the handy blister pack for low usage.

Stock dimensions:

3, 4, 5, 6, 6.35, 7, 8, 9.5, 10, 12, 12.7, 14, 15, 16, 18, 19, 20, 22, 25 mm
 (other dimensions on request)

Recommended applications

- Process industry
- Chemical industry
- Power plant technology
- Pulp and paper industry
- Water and waste water technology
- Mining industry
- Building services industry
- Food and beverage industry
- Shipbuilding
- Sugar industry
- Water
- Sea water

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- Drinking water
- Some oils, fats
- Centrifugal pumps
- Piston pumps
- Filters
- Refiners

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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.