

RELY ON EXCELLENCE

Buraflon 5846

Packings & Gaskets | Packings for pumps



Features

Buraflon 5846 is a diagonally braided, silicone oil-free ramie fiber packing with a light-colored special PTFE impregnating agent based on paraffin wax and oil. This special combination will prevent product contamination. The packing is preferred for use in marine applications, the brewing and drinks industry and the pharmaceutical industry. It is a flexible, maintenance-friendly and easy to adjust packing that is gentle on shaft surfaces.

Advantages

- Easy to maintain
- Easy to adjust
- Flexible
- Gentle on shaft surfaces
- Wear-resistant
- Particularly resistant to abrasive media
- Particularly rot-resistant

Operating range

Pressure:

Pumps

Pressure: $p = 25$ bar

Sliding velocity: $vg = 12$ m/s

Valves

Pressure: $p = 100$ bar

Sliding velocity: $vg = 2$ 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:
 $t = -50$ °C ... $+140$ °C

Chemical resistance:

pH = 5 ... 11

Resistant to water, waste water, sea water and drinking water, and to certain oils and fats. Not suitable for use in concentrated alkalis and acids.

Standards and approvals

- FDA

Article numbers of variants

5846/AK (braiding in AK-profile)

Forms of supply

- Sold by length, blank cuts, precompressed rings with straight or slanted cut
- Box contents
up to 6.35 mm: 1 kg
7 - 10 mm: 2 kg
11 - 13 mm: 3 kg
14 - 24 mm: 5 kg
from 25 mm: 10 kg
- Standard dimensions:
5 mm
6 mm
8 mm
9,5 mm
10 mm
12 mm
12.7 mm
14 mm
15 mm
16 mm
18 mm
20 mm
22 mm
25 mm
- Additional dimensions available upon request

Recommended applications

- Process industry
- Chemical industry
- Power plant technology
- Pulp and paper industry
- Water and waste water technology

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- Mining industry
- Building services industry
- Food and beverage industry
- Shipbuilding
- Sugar industry

Mechanical units

- Pumps
- Piston pumps
- Refiners

Components

- Filters