EagleBurgmann®
Rely on excellence

Buraflon 5846

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(valves) = 100 bar,
p(plunger pumps) = 100 bar,
p(mixers, agilators, kneaders, filters) = 20 bar

Sliding velocity:
vg(pumps) = 12 m/s,
vg(valves) = 2 m/s,
vg(fans, blowers) = 1.5 m/s,
vg(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

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

Notes

Not suitable for strong acids or strong alkalis.