EagleBurgmann
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RELY ON EXCELLENCE

Isartherm-Flex 6050

Packings & Gaskets | Packing for valves

Features

Isartherm-Flex 6050 is a diagonally braided packing made from permanently elastic, expanded pure graphite foils. It is used, in particular, in high pressure and high temperature applications. It is a standard packing that can be used in almost all areas of industry.

Notes

If there are large gaps in the compression packing geometry, we recommend using the Isartherm Flex 6050/KIN as the header ring to avoid gap extrusion.

Advantages

- Wear-resistant
- Gentle on spindle surfaces
- Treats shafts gently

Operating range

Centrifugal pumps
Pressure: p = 15 bar
Sliding velocity: vg = 15 m/s
Valves
Pressure: p = 350 bar
Sliding velocity: vg = 2 m/s

Temperature

- Continuous operation:
  t = -200 °C ... +500 °C
- Steam: tmax = +700 °C

Chemical resistance:
pH = 0 ... 14
Resistant to waste water, sea water, hot water, boiler feed water, condensate, steam, neutral vapors, air, nitrogen, acidic gases, hydrogen, volatile hydrocarbons, oils, mineral oils, fats, heat transfer oils and volatile solvents.

Recommended applications

Industries

- Process industry
- Oil and gas industry
- Petrochemical industry
- Chemical industry
- Power plant technology
- Pulp and paper industry
- Water and waste water technology
- Mining industry
- Building services industry
- Shipbuilding
- Sugar industry
- Metal production and processing
- Power generation

Mechanical units

- Pumps

Components

- Valves

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All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications means, however, 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. Subject to change.