EagleBurgmann
a member of EKK and FREUDENBERG

RELY ON EXCELLENCE

BuraTAL-Flex 6070

Packings & Gaskets | Packing for valves

Features

BuraTAL-Flex 6070 is a graphite-based, multi-layered high performance packing It is manufactured from high-purity expanded graphite yarn (>98 %) combined with a newly-developed high temperature impregnation. For long-term stable use in the high temperature range, the packing is additionally finished with a corrosion inhibitor. The multi-layer structure combines the benefits of maximum possible gap bridging due to the inner Inconel wire reinforcement with protection of the high-quality spindle surfaces in the valves. The packing can be installed without special end rings.

Advantages

- Minimal leakage rates
- Diameter-independent TA Luft packing solution
- Ideal for use as a replacement packing
- Maximum possible gap bridging

Operating range

Valves
Pressure: p = 450 bar
Sliding velocity: vg = 2 m/s

Temperature

- Continuous operation: t = -200 °C ... +450 °C
- Steam: tmax = +650 °C

Chemical resistance:
pH = 1 ... 14
Resistant to hot water, steam, gases, oils, acids and alkalis. Not suitable for use in highly oxidizing acids such as sulfuric and nitric acid in higher concentrations.

Standards and approvals

- ISO 15848
- Firesafe to API 589
- Leakage test to API 622
- Leakage test to Chevron Texaco test standard

Dimensions

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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.