

RELY ON EXCELLENCE

BuraTAL-Flex 6070

Packings & Gaskets | Packings 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: $p = 450 \text{ bar}$

Sliding velocity: $v_g = 2 \text{ m/s}$

Temperature

- Continuous operation:
 $t = -200 \text{ °C} \dots +450 \text{ °C}$
- Steam: $t_{\text{max}} = +650 \text{ °C}$

Chemical resistance:

$\text{pH} = 1 \dots 14$

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