

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 (>99 %) 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.

### Dimensions

- individual dimensions available upon request

### 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

### 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

### Recommended applications

#### Industries

- Chemical industry
- Oil and gas industry
- Petrochemical industry
- Power plant technology

#### Components

- Valves