



PTFE sheathed flat gaskets



| Article description: | PTFE sheathed flat gaskets |
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| Article forms: | Plate material - various insert materials usable, like graphite laminate or fiber based sealing |
| | Sheath - only pure PTFE |
| Colour: | White (outside) |
| Preparations: | Without any additionally preparations |
| Materials: | Sheath polytetrafluoroethylene (PTFE) with different insert materials |

Mechanical properties:

- Good electrical insulation and high dielectric strength
- Anti-adhesion effect due to very low friction coefficient
- Very good weather resistance, no aging
- Low thermal conductivity

Thermal properties:

PTFE:

- Continuous temperature -180 °C to 250 °C
- Short-term 260 °C possible
- Melting point 327 °C

Chemical properties:

PTFE:

- Excellent chemical resistance
- Very good resistance against oil, gases, acids and alkalis
- Not resistant against to molten alkali metals and some fluorine compounds

Applications:

Application in the chemical industry, but also in the food and pharmaceutical industry. PTFE sheathed gaskets make it easy to connect glass tubes and glassware from laboratory and pilot plants. But even in large-scale systems, enamelled, coated or lined pipes can be connected by means of PTFE sheathed flat gaskets. Flange seals.

| Application limits: | The thermal and chemical properties are largely based on the sheathing |
|---------------------|------------------------------------------------------------------------|
| | material (PTFE). |

Dimensions: All current standards or individual drawings.* *further informations on request





Designs:

Form FB

(without cutting stung pointed)







Form FA

(cutting stung round or square)





The above information is based on the current state of our knowledge of the product and is made to the best of our knowledge and belief. A warranty claim cannot be derived from this information. All previous issues hereby lose their validity.

Gaskets PTFE sheathed flat gasktes Rev. 01 (11.03.2019)