



PT410

Article description:	<u>PT410</u> (PTFE virgin)
Article forms:	Available as a plate material Plug-in seals, cut oder die-cut seals
Colour:	White
Preparations:	Without any additionally preparations
Materials:	Polytetrafluoroethylene (PTFE)

Mechanical properties:

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

Properties	Unit	Typical value
Density	g/cm ³	2,10 - 2,30
Tensile strength	MPa	≥ 25
Elongation at break	%	≥ 200

Thermal properties:

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

Chemical properties:

- Excellent chemical resistance
- Very good chemical resistance against oil, petrol, acids and alkalis

Examinations and approvals:

- RoHS and Reach compliant
- Approved for food contact according to FDA 21 CFR 175.300
- PAH free

Applications:

PTFE gaskets are used in chemical apparatus engineering for corrosion protection and as a sealing material. In machine and vehicle construction, the very good sliding properties are used for self-lubricating bearings, sliding elements and seals. Also used in electrical engineering, electronics, aerospace and data processing.

Dimensions:	Plate sizes on request Thickness 0,5 – 5,0 mm
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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.