PLANIFLON™ SEAL TAPE

Composition

Adhesive tape in pure unidirectional expanded PTFE

Characteristics

- **Inert and resistant material**: pure ePTFE, with exceptional chemical resistance (pH 0–14) to all industrial fluids, except molten alkali metals and elemental fluorine.
- **Wide operating range**: usable from **–200 °C to +260 °C** and up to **200 bar** under controlled conditions.
- **High conformability**: easily adapts to surface irregularities and imperfections, ensuring uniform load distribution.
- **Secure sealing even under vacuum**: suitable for applications from deep vacuum to high pressures.
- **Long-term stability**: the material does not age and can be stored indefinitely; for best adhesion, use is recommended within 2 years of purchase.

Applications

The advantages of using Planiflon™ Seal Tape are multiple and simplify maintenance activities.

- Easy and quick application thanks to the **adhesive backing** which facilitates positioning on the flange.
- **Reduces plant downtime**: no pre-cutting or templates needed; just wrap, overlap the ends, and tighten the bolts.
- Compatible with **large metal flanges**, where traditional gaskets would be difficult to install.

Tech Data

Density 0.8 gr/cm'	T°C -200/+260	pH 0-14	P bar 200
PLANIFLON™ SEAL TAPE sizes			
Code	Width (mm)	Thickness (mm)	Spool (m)
P_ST_03	3	1.5	30
P_ST_05	5	2.0	20
P_ST_07	7	2.5	15
P_ST_10	10	3.0	10
P_ST_12	12	4.0	10
P_ST_14	14	5.0	5/25
P_ST_17	17	6.0	5/25
P_ST_20	20	7.0	5/25
P_ST_25	25	8.0	5

- Other gasketing sheet dimensions and thicknesses are available on request.
- PTFE is not compatible with molten alkali metals and elemental fluorine (F_2).



Planiflon™ Seal Tape

Planiflon™ Seal Tape is a highly conformable sealing tape, made of 100% expanded PTFE (ePTFE), designed to ensure reliable sealing on large flanges and uneven surfaces. Thanks to its unidirectional strength structure and easy application with adhesive backing, it represents a versatile and safe solution for numerous industrial plants.

The information provided in this publication, as well as that supplied to users in other forms, is based on our experience and communicated according to the best knowledge available. However, since numerous factors beyond our knowledge and control may influence the use of the products, no warranty, explicit or implicit, is given regarding such content. The operating limits indicated do not constitute confirmation that these values can be applied simultaneously. Avoid using the product at the maximum temperature and pressure limits. The maximum temperature is sustainable only for short periods under specific conditions. Specifications may be changed without notice. The images in the DS may not exactly represent the product, its color and/or marking.

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