



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.

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.

Tech Data

Density 0.8 gr/cm³	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 (F₂).



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