



SEAL TITE®

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ePTFE sheet and cut gaskets

In technical collaboration with INNOVATIVE ADHESIVE INC., USA

SEAL TITE® ePTFE sheet is made from 100% PTFE under very specialized process and control. Its microstructure in multi directional expansion made it versatile product for sealing applications. It gives tight sealing at low or high loads. It is a soft, pliable and flexible sheet. It can be cut easily in any shape of a gasket and use for installation. The exceptional malleable structure of expanded PTFE can adapt sealing surfaces, compensate for the damaged sealing surfaces and seals them at very low stresses. Ready cut gaskets of any size are available according to customer need.

APPLICATION

SEAL TITE® ePTFE sheet and cut gaskets has excellent thermal and chemical resistance. Due to this, it is widely used in almost all industries for static applications. It can be used for chemical, pharma and food processing equipment's, distilling process, pulp and powder generation processing equipment, chemical reactors, hydraulic, pneumatic and water systems. It is suitable for stress-sensitive connections and much more application.

ADVANTAGES

- It has excellent thermal and chemical stability, no-ageing, non-toxic and biologically inertness makes it very unique.
- Excellent resistance to creep and cold flow. It has high sealability at very low stresses.
- Easy to cut in any profile to be use as a gasket.

TECHNICAL DATA

- 100% pure PTFE without any fillers and pigments.
- pH 0-14 (except molten alkali and elemental fluorine)
- Temperature ranges -60 °C to 260°C
- Pressure ranges from Vacuum to 200bar (depending on installation situation)
- Density 0.9 gm/cc (± 0.1)

STANDARD SIZES

Sheet: 1.5mtr width x 1.5 mtr length x 0.5mm – 6mm thickness.

Cut gaskets: customized sizes in any profile available as per customer need.