

Introduction

SealXpert® Expanded PTFE Tape is a gasket tape made from pure, monoaxially expanded, virgin PTFE, supplied with adhesive backing.

Advantages

- Quick and simple to install: adhesive backing strip makes installation easier
- Reduced down time: immediately available, no cutting or punching of gasket required
- Reduced stock: a few spools of different sizes cover most applications within a plant
- Reduced waste: is a gasket from a spool, no material needs be wasted

Typical Applications

SealXpert® can be used in a wide variety of static application in nearly all kind of industries because of the excellent thermal and chemical resistance. The exceptional malleability of expanded PTFE can compensate for out-of-parallel and/or damaged sealing surfaces and allows use with stress sensitive connections and applications where only a limited flange load is available. (e.g. plastic flanges, glass flanges, etc.)

Typical applications are the sealing of flanges, pump housings, compressors, hand-holes and manholes, air ducts, compensators, heat exchangers and etc.

Main Properties

Colour:	White
Width:	50 mm
Length:	3 m
Thickness:	5 mm

Technical Data

Temperature range:	-240°C up to 260°C, with short excursions up to 310°C
Chemical resistance:	resistant against most chemicals from pH 0-14 – main exceptions are molten alkali metals and elemental fluorine at high temperature and pressure
Pressure resistance:	vacuum up to 20MPa/200bar
Density:	0.65g/cm ³ , +/- 0.1g/cm ³ (for rectangular cross sections only)
Others:	Physiologically harmless. It has no smell or taste. It is neither contaminating nor toxic.

Directions for Use:

Cleaning and Preparation: Prepare the surface by remove dust, oil and chemical (if any). The substrate must always be dry before application of the tape.

Apply: Remove the closing tape at the start of the roll. Unwind the roll and remove the protective release paper to expose the adhesive face. Place the tape onto the flange and apply pressure to consolidate the bond. At corners either forms tight butt joints or V- notch the tape to form a continuous seal.

Note: Combustion produces hydrogen fluoride. Avoid temperatures above 260° C.

General Information

Keep out of reach of children.
No smoking during processing.

Please refer to the MSDS for more details

Storage

Store at cool and dry location or in unopened containers at 8 to 28°C. Avoid contact with open fire and hot surfaces. Cover the product to avoid deposition of dust.

Disclaimer

This product is provided without warranty, either expressed or implied, of fitness for a specific purpose. Because conditions and methods of use are beyond the manufacturer's control, neither manufacturer nor seller will assume any responsibility for the use or misuse of this product. This includes, but is not limited to, any consequential damages.

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