

# Topseal® PTFE Threaded Tape

- by Unipak

**Topseal® is suitable for use in situations where great demands are placed on e.g. acid resistance, pressure or heat.**

Suitable for steam, chemicals, acids, bases, solvents etc. Approved for gas, drinking water and liquid oxygen (BAM). The product is very diffusion-proof and therefore very suitable for oil (also hydraulic), petrol and diesel.

Threaded tape is used for sealing all kinds of threaded joints within e.g. hydraulic systems, compressed air, cooling systems, heating, and ventilation systems. Can be used on all kinds of materials (iron, plastic, fiber etc.). Threaded tape is ideal for facilities with high hygiene requirements (hospitals, food industry etc.).

All threaded tapes from Unipak are white non-adhesive tapes, made from 100% pure PTFE.

## Topseal®

is approved for all types of gas as well as for liquid and gaseous oxygen and for drinking water. Topseal is also approved by BAM for liquid and gaseous oxygen.

In general PTFE tape has a very broad chemical resistance, except for fluorine, certain fluorine chemicals and melted alkali metals. Very low coefficient of friction. Non-flammable (ASTM D-635 and D-470). Does not age. Moisture and U.V. resistant. Excellent tensile strength even at low temperatures. Good resistance to degradation, especially in connection with bending and vibrations. Fine electrical



insulation independent of both frequency and temperature. All these positive properties apply to all types of tape, but in general it applies that the higher the density, the more the tape can withstand.

**Topseal® 12 m x 12 mm x 0,100 mm.**

**Density 1,30 g/ cm<sup>3</sup>.**

**Can be adjusted back by 45° or more.**

**Temperature resistant from -200 °C to +260 °C.**

**Max pressure: 100 bar.**

## INSTRUCTIONS FOR USE:

1. Remove any dirt and cutting chips from the thread before applying thread tape.
2. The tape is applied to the threaded piece in the direction of the thread pitch.
3. The tape is applied with an even, firm pull so that it lies tightly around the thread. Depending on the desired layer pressure, the overlap should be from ½ to ¾ tape width, so that the thread is full.
4. After tightening the threaded pieces, do not screw counter.

Depending on the pipe dimension, the following types of tape are used: Up to 25 mm **Unitape®** is recommended. From 25 to 40 mm, **Maxitape®** is recommended. From 40 to 65 mm **Jumbotape®** or **Sealrite®** is recommended. For particularly sharp or rough/coarse threads, **Jumbotape®** or **Sealrite®** is recommended, as this quality does not tear so easily. The tape is used alone and without the use of lubricants. For gas and oxygen, **Multitape®** or **Topseal®** are recommended. It should be added here that all gas-approved tapes from Unipak - Multitape, Sealrite GT12/GT19 and Topseal - can be adjusted back by at least 45° without the threaded joint losing its tightness.

Packaging	Item no.	EAN no.	VVS no.	RSK no.	NRF no.	LVI no.	
Topseal	(10/250 pcs./box)	1000700	5708923100078	271406112	4054040	9507781	3265367

Additional product information, safety data sheets, demo videos, instructions for use, etc. can be found at: [www.unipak.dk](http://www.unipak.dk)

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We cannot assume responsibility for the results obtained by others over whose methods we have no control.

It is the user's responsibility to determine suitability for the user's purpose of any application methods mentioned herein.