

**Description:** White PTFE tape for sealing threaded components on lines carrying liquids and gases.

**Further Characteristics:** Its higher density guarantees better results  
Compatible with a broad range of gases and liquids  
Compatible with a broad range of piping materials  
No curing time  
Effective across a broad range of temperatures  
Acts as a thread lubricant and anti-seize  
Prevents electrolytic corrosion of threads  
Clean  
Non-toxic  
Non-flammable  
Unlimited shelf life

**Applications:** Ceelon Thread Sealing Tape is manufactured from PTFE resin. This is a polymer consisting of recurring tetrafluoro-ethylene monomers. It is one of the most inert substances known. Therefore, it is compatible with a very wide range of materials. It can be used on pipe made from galvanized steel, iron, copper, aluminium, stainless steel, polypropylene, PVC, CPVC, ABS and fibreglass. Ceelon Thread Sealing Tape is also chemically compatible with the following materials:  
Acids, concentrated (see precautions)

- Aliphatic solvents
- Ammonia, liquid
- Aromatic, solvents
- Caustics concentrated (see precautions)
- Caustics, dilute
- Chlorinated solvents
- Cutting oils
- Diesel fuel oil
- Ethylene glycol
- Fatty acids gasohol
- Glycerine
- Heating oils
- Hydraulic fluids
- Hydraulic oils
- Hydrogen, gaseous & liquid
- Inert gases, gaseous & liquid
- Jet fuel
- Kerosene
- Ketones
- Liquid petroleum gas
- Mineral oils
- Natural gas
- Nitrogen, gaseous & liquid

- Petroleum solvents
- Soap, liquid
- Steam
- Vegetable oils
- Waters

**Technical Information:**

Composition	100% Teflon PTFE
Colour	White
Density, apparent	0.8g/cm <sup>3</sup>
Elongation	>100%
Temperature range	-450 to +500°F / -268 to +260°C Teflon PTFE is completely stable up to +500°F or +260°C. Decomposition is slow up to 750° F or +400°C. Although decomposition will occur on contact with naked flame.

**Instructions:**

1. Clean the male and female threads thoroughly
2. Wrap the tape around the male thread. Take care to keep the thread tape under tension as you are wrapping so the tape molds itself into the root of the thread.
3. Make sure you wrap with the thread.
4. Make sure the tape does not overlap the end of the fitting.
5. Four wraps seals most threads.
6. Note: For poor quality of damaged threads or threads on fittings subject to vibration, more than four wraps may be necessary

**Precautions:**

Note: Keep Ceelon Thread Sealing Tape clean. Replace the clip on the spool after use. Store in a clean place. PTFE is virtually chemically resistant to all medias. However, there are a few exceptions. Alkali metals such as elemental sodium, potassium and lithium are to be avoided. These alkali metals remove fluorine from the polymer molecule. Extremely potent oxidisers such as fluorine and related compounds can be handled by PTFE, but only with great care. Since fluorine is absorbed into the resin, the mixture becomes sensitive to a source of ignition such as impact. Other medias to avoid are 80% NaOH or KOH, metal hydrides such as boranes, aluminum chloride, ammonia, certain amines, imines and 70% nitric acid at temperatures near the suggested service level. Do not use Ceelon Thread on oxygen lines. It is recommended to use Ceelon Oxygen Tape for oxygen lines.

**Limited Liability:**

The information presented is in good faith, but no warranty is given nor are results guaranteed. Since we have no control over the physical conditions surrounding the application of information contained herein, Ceelon disclaims any liability for untoward results.