

#### Application

Our PTFE thread sealing tape is widely used in sealing and locking the threads of water, air, oil & Natural gas.

#### Specifications

##### Sizes

1/2", 3/4" & 1"

##### Pressure Rating

2250 PSI (Yellow)

10,000 PSI (Pink)

##### Temperature Rating

-450°F to +500°F (-268°C 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 flame.

##### Length

White tape: 480"

Pink Tape: 520"

Yellow Tape: 480"

##### CRN

Meets the physical properties of MIL-T-27730A

#### Compatible with the following

- Air, compressed
- Alcohols
- Aliphatic solvents
- Ammonia, liquid
- Aromatic solvents
- Chlorinated solvents
- Cutting oils
- Diesel fuel oil
- Ethylene glycol
- Fatty acids
- Gasohol
- Gasoline
- Glycerin
- Heating oils
- Hydraulic fluids
- Hydraulic oils
- Hydrogen, gaseous or liquid
- Inert gases, gaseous or liquid
- Jet fuel
- Kerosene
- Liquid petroleum gas
- Mineral oils
- Natural gas
- Nitrogen, gaseous or liquid
- Soap, liquid
- Steam



#### FEATURES

- Lubricates as it seals for easy assembly of tight joints with minimum torque.
- Self-lubricated — never freezes solid like paste dopes.
- The joint can be disassembled easily, even years later.

## Instructions

### Fittings up to 1/2" (38mm) diameter

1. Use 1/2" (12mm) wide tape.
2. Clean the male and female threads thoroughly.
3. Wrap the tape around the male thread, making three complete wraps. Take care to keep the tape under tension as you are wrapping so the tape molds itself into the root of the thread. Make sure that you wrap with the thread (see Figure 1). Make sure that the tape does not overlap the end of the fitting. Three wraps seals most threads.

### Fittings above 1/2" (38mm) diameter.

1. Use 3/4" (19mm) wide tape for fittings up to 2" (51mm) in diameter. Use 1" (25mm) wide tape for fittings larger than 2" (51mm) in diameter. Contact WGI for ordering information.
2. Follow steps 2-3 above.

### Note

For poor quality or damaged threads or threads that are hard to seal such as parallel threads or threads on fittings subject to vibration, more than three wraps may be necessary.

### Precautions

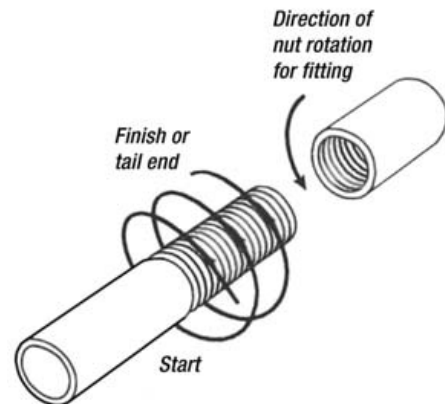
Store in a clean place. PTFE is virtually chemically resistant to all media, however, there are a few exceptions. Alkali metals such as elemental sodium, potassium or lithium are to be avoided; Extremely potent oxidizers such as fluorine (F<sub>2</sub>), chlorine trifluoride (ClF<sub>3</sub>), and related compounds can be handled by PTFE, but only with great care. Fluorine is absorbed into the resin, and the mixture becomes sensitive to a source of ignition such as impact. Other media to avoid are 80% NaOH or KOH, metal hydrides such as boranes (e.g. B<sub>2</sub>H<sub>6</sub>), aluminum chloride, ammonia (NH<sub>3</sub>), certain amines (R-NH<sub>2</sub>), imines (R-NH) and 70% nitric acid at temperatures near the suggested service level. Do not use Yellow Gas Thread-Seal Teflon® Tape on oxygen lines! We recommend Green Oxygen Teflon® Tape for oxygen lines. For further safety details consult WGI.

### Approvals



Meets the physical properties of A-A-58092

Figure 1 Make sure that you wrap with the thread.



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