

# STAINLESS STEEL PTFE TAPE GRAY PIPE JOINT COMPOUND TAPE SST-TAPE-SPEC

## PRODUCT DESCRIPTION

### PRODUCT

#### **STAINLESS STEEL PTFE<sup>†</sup> TAPE**

Gray Pipe Joint Compound Tape

### DESCRIPTION

**STAINLESS STEEL PTFE TAPE** is a gray, all purpose, non-seizing, 4 MIL PTFE (polytetrafluoroethylene) thread sealing compound in tape form that produces a leakproof seal on all types of stainless steel threaded fittings, works exceptionally well on assemblies with sharp coarse threads.

### RECOMMENDED USES

**STAINLESS STEEL PTFE TAPE** can be used on all types of stainless steel threaded fittings for passage of water potable and non-potable, most chemicals, oxygen, gas, hydraulic and high pressure lines.

Chemically inert. It is suitable for use on systems carrying almost all types of chemicals and gases including:

Acids, Dilute	Hydraulic Oils
Air, Compressed	Hydrogen
Aliphatic Solvents	Inert Gases
Alkalis, Dilute	Jet Fuel
Ammonia	Kerosene
Brine	Lacquer
Butane	L P Gases
Carbon Dioxide	Mineral Oils
Castor Oils	Naphtha
Chlorinated Water	Natural Gas
Coal Tar Naphtha	Nitrogen Gas
Cutting Oils	Propane
Diesel Fuel Oil	Refrigeration Gases
Fatty Acids	
Freons (All)	Soap, Liquid
Gasohol	Steam Lines
Gasoline <sup>^</sup>	Sugar, Liquid
Glycol	Vegetable Oils
Heating Oils	Water
Helium, Gaseous	Xylol

### COLOR/CONSISTENCY

The tape is gray in color. It shall be free of visible voids, cracks, folds, contamination and has consistent physical properties. **STAINLESS STEEL PTFE TAPE** has an indefinite shelf life.

### **SST-TAPE-SPEC**

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<sup>†</sup>PolyTetraFluoroEthylene    <sup>^</sup>Contact J.C. Whitlam Mfg. Co. for compatible blends.

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PTFE (polytetrafluoroethylene) is the same chemical composition as Dupont Teflon<sup>®</sup>

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## TEMPERATURE RANGE USE

### **Gases:**

-450°F (-268°C) to 500°F (260°C)

### **Liquids:**

-450°F (-268°C) to 500°F (260°C)

## PRESSURE RANGE USE

### **Gases:**

up to 10,000 PSI (1450 kPa)

### **Liquids:**

up to 3,000 PSI (435 kPa)

The system may be pressurized immediately after assembly.

## FOR USE ON THREADED

ABS, PVC, CPVC, Delrin\*, Zytel\*, FlowGuard GOLD\*\* CPVC, Blazemaster\*\* CPVC, Fiberglass, Nylon, Polypropylene, Polybutylene, Polyethylene, Celcon\*\*\*, Cyclocac\*\*\*\* plastics, and all types of metal.

## CORROSIVENESS

**STAINLESS STEEL PTFE TAPE** is non-corrosive, and prevents the corrosion and seizing of threads.

## U.S. FEDERAL SPECIFICATIONS

### **STAINLESS STEEL PTFE TAPE**

meets MIL-T-27730A.

Meets ANSI LC 7-2009 for Pipe Joint Sealing Compounds and Materials.

## ENVIRONMENTAL STATEMENT

**STAINLESS STEEL PTFE TAPE** is chemically inert to virtually all environments. Non Flammable.

## DENSITY

1.2 g/cm nominal

## TENSILE STRENGTH LONGITUDINAL

Up to 10,000 PSI

## ELONGATION

100% Nominal

## THICKNESS

0.0040" to 0.0045"

## PACKAGING

### **U.S. Measure:**

<u>Stock Code</u>	<u>Size</u>
<b>Plastic Spool</b>	
SST260	½" x 260" (1.27 cm x 6.6 m)
SSTW260	¾" x 260" (1.9 cm x 6.6 m)

## SHIPPING WEIGHT PER CASE

<u>Stock Code</u>	<u>Case Weight</u>	<u>#/Case</u>
SST260	1 lbs. (0.5 kg)	12
SSTW260	1 lbs. (0.5 kg)	12

## DIRECTIONS FOR USE

1. Remove plastic spool.
2. Apply tape clockwise onto male threads.
3. Make up joint in a normal manner.

On large diameter pipe 4" (10.2 cm) and up, first wrap the pipe threads with two or more thicknesses of **STAINLESS STEEL PTFE TAPE**, then apply **BLUE-MAGIC** over the tape.



The Industry Standard for Over 100 Years

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