

# PTFE TAPE QUALITY IMPORT PIPE JOINT COMPOUND TAPE S-TAPE-SPEC

## PRODUCT DESCRIPTION

### PRODUCT

**PTFE<sup>†</sup> TAPE** Quality Import Pipe Joint Compound Tape

### DESCRIPTION

**PTFE TAPE** is an economical, all purpose, non-seizing, PTFE thread sealing compound in tape form that produces a leakproof seal on all types of metal and plastic threaded connections. 3.5 MIL PTFE (polytetrafluoroethylene) Tape supplied on finished spools.

### RECOMMENDED USES

**PTFE TAPE** can be used on all types of 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
Fatty Acids	Gases
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 white in color. It shall be free of visible voids, cracks, folds, contamination and has consistent physical properties. **PTFE TAPE** has an indefinite shelf life.

### S-TAPE-SPEC

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

\*Dupont registered trademarks    \*\*FlowGuard GOLD and Blazemaster are registered trademarks of The Lubrizol Corporation

\*\*\*Celanese registered trademark    \*\*\*\*General Electric Plastics registered trademark

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

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

## U.S. MILITARY SPECIFICATIONS

**PTFE TAPE** meets MIL-T-27730A.

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

## ENVIRONMENTAL STATEMENT

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

## DENSITY

0.38 g/l

## TENSILE STRENGTH LONGITUDINAL

3000 PSI max - ASTM D882 (mod)

## ELONGATION

Minimum of 50%

## THICKNESS

0.003", +0.001 or -0.35.

## PACKAGING

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

Stock

Code      Size

### **Plastic Spool**

S260	½" x 260" (1.27 cm x 6.6 m)
S520	½" x 520" (1.27 cm x 13.2 m)
S1296	½" x 1296" (1.27 cm x 32.9 m)
SW260	¾" x 260" (1.9 cm x 6.6 m)
SW520	¾" x 520" (1.9 cm x 13.2 m)
SW1296	¾" x 1296" (1.9 cm x 32.9 m)
SX520	1" x 520" (2.54 cm x 13.2 m)

## SHIPPING WEIGHT PER CASE

Stock

Code      Case Weight      #/Case

S520	3 lbs. (1.4 kg)	100
S260	3 lbs. (1.4 kg)	100
S1296	3 lbs. (1.4 kg)	50
SW260	3 lbs. (1.4 kg)	70
SW520	3 lbs. (1.4 kg)	70
SW1296	15 lbs. (6.8 kg)	150
SX520	3 lbs. (1.4 kg)	50

## 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 **PTFE TAPE**, then apply **SELECT-UNYTE** over the tape.



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