

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

PRODUCT DESCRIPTION

PRODUCT

STAINLESS STEEL PTFE[†] 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 [^]	Sugar, Liquid
Glycol	Vegetable Oils
Heating Oils	Water
Helium, Gaseous	Xylo

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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[†]PolyTetraFluoroEthylene [^]Contact J.C. Whitlam Mfg. Co. for compatible blends.

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Celanese registered trademark *General Electric Plastics registered trademark

PTFE (polytetrafluoroethylene) is the same chemical composition as Dupont Teflon[®]

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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. MILITARY SPECIFICATIONS

STAINLESS STEEL PTFE TAPE

meets MIL-T-27730A.

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>
Plastic Spool	
SST260	½" x 260" (1.27 cm x 6.6 m)
SSTW520	¾" x 260" (1.9 cm x 6.6 m)
SSTX260	1" x 260" (2.54 cm x 6.6 m)
SSTX520	1" x 520" (2.54 cm x 13.2 m)

SHIPPING WEIGHT PER CASE

<u>Stock Code</u>	<u>Case Weight</u>	<u>#/Case</u>
SST260	1 lbs. (0.5 kg)	12
SSTW520	1 lbs. (0.5 kg)	12
SSTX260	1 lbs. (0.5 kg)	12
SSTX520	2 lbs. (0.9 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.



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