

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
Alkalies, 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 [^]	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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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***, Cycolac**** 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:

Stock Code	Size
Plastic Spool	
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

Stock Code	Case Weight	#/Case
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.



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

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

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