

TALON TAPE

PROFESSIONAL HIGH DENSITY GRAY PTFE TAPE

TL-TAPE-SPEC

PRODUCT DESCRIPTION

PRODUCT

TALON TAPE Professional High Density Gray PTFE¹ Tape

DESCRIPTION

TALON TAPE is a high density, all purpose, non-seizing, PTFE thread sealing compound in tape form that produces a leak-proof seal on all types of metal and plastic threaded connections. **TALON TAPE** is a high density, 3.5 MIL PTFE. Its thickness allows for fewer wraps. Tape supplied on finished spools in an extra-long length.

RECOMMENDED USES

TALON TAPE will not transfer any taste or odor to the system being sealed. Excellent for food and water systems. **TALON TAPE** will never harden, and is an anti-galling tape making it possible to disassemble pipes and bolts easily after years of service.

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

| | |
|------------------------|--------------------|
| Acids, Dilute | Heating Oils |
| Alcohols, Gasohol | Hydraulic Oils |
| Aliphatic Solvents | Hydrogen |
| Aromatic Solvents | Inert Gases |
| Chlorinated Solvents | Jet Fuel |
| Ammonia | Kerosene |
| Caustics, concentrated | Ketones |
| Compressed Air | L P Gases |
| Chlorinated Water | Mineral Oils |
| Coal Tar Naphtha | Natural Gas |
| Cutting Oils | Nitrogen Gas |
| Diesel Fuel Oil | Petroleum Gas |
| Fatty Acids | Petroleum Solvents |
| Gasohol | Soap, Liquid |
| Ethylene Glycol | Steam Lines |
| Glycerine | Vegetable Oils |
| | Water |

COLOR/CONSISTENCY

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

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

Galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, polypropylene, PVC, CPVC, ABS, fiberglass.

CORROSIVENESS

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

U.S. MILITARY SPECIFICATIONS

TALON TAPE meets MIL-T-27730A.

ENVIRONMENTAL STATEMENT

TALON TAPE is chemically inert to virtually all environments. Non Flammable.

TENSILE STRENGTH LONGITUDINAL

3000 PSI max - ASTM D882 (mod)

DENSITY / ELONGATION

0.8g/cm³ / 100%

THICKNESS

.0035 ± 10%

PACKAGING

U.S. Measure:

Stock

Code Size

Plastic Spool

TL1429 ½" x 1429" (1.27 cm x 36.3 m)

TLW1429 ¾" x 1429" (1.9 cm x 36.3 m)

SHIPPING WEIGHT PER CASE

Stock

Code Case Weight #/Case

TL1429 6 lbs. (2.7 kg) 45

TLW1429 6 lbs. (2.7 kg) 27

DIRECTIONS FOR USE

1. Remove plastic spool.
2. Use 1/2" (1.27 cm) wide tape on fittings up to 1-1/2" (3.8 cm).
3. Wrap tape around the mail thread clockwise. Do no overlap the end of the fitting. Three wraps will seal most 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 **TALON TAPE** then apply **SELECT-UNYTE** over the tape.



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¹PolyTetraFluoroEthylene

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