

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. Excellent for threaded stainless steel applications.

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

| | |
|--------------------|--------------------|
| Acids, Dilute | Hydraulic Oils |
| Alcohols | Hydrogen |
| Aliphatic Solvents | Inert Gases |
| Aromatic Solvents | Jet Fuel |
| Ammonia | Kerosene |
| Brine | Ketones |
| Compressed Air | Lacquer |
| Chlorinated Water | L P Gases |
| Coal Tar Naphtha | Mineral Oils |
| Cutting Oils | Naphtha |
| Diesel Fuel Oil | Natural Gas |
| Fatty Acids | Nitrogen Gas |
| Freon (All) | Oxygen |
| Gasohol | Petroleum Solvents |
| Gasoline | Propane |
| Glycol | Soap, Liquid |
| Glycerin | Steam Lines |
| Heating Oils | Vegetable Oils |
| Helium | Water |
| | Xylol |

¹PolyTetraFluoroEthylene

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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, silicon bronze, 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 AND INTERNATIONAL SPECIFICATIONS

TALON™ TAPE meets MIL-T-27730A.

Meets International Fuel Gas Code 403.9.3 for Thread Joint Compounds.

Meets ASTM D3308 – Standard Specification for Skived Tape.

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

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)

TLX1429 1" X 1429" (2.54 cm x 36.3m)

SHIPPING WEIGHT PER CASE

Stock

Code Case Weight #/Case

TL1429 6 lbs. (2.7 kg) 45

TLW1429 6 lbs. (2.7 kg) 27

TLX1429 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 not 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 **TALON™ THREAD SEALING COMPOUND** over the tape.



LISTED 4JP0

FOR USE IN THREADED JOINTS OF METAL PIPE (NOT EXCEEDING 1-1/2 IN. PIPE SIZE) IN ASSEMBLIES HANDLING GASOLINE, PETROLEUM OILS, PROPANE, BUTANE, NAPHTHA, BENZENE, KEROSENE, NATURAL GAS (NOT OVER 300 PSIG). A MINIMUM OF 3 WRAPS IS REQUIRED.



WHITLAM

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