

# TALON TAPE

## PROFESSIONAL HIGH DENSITY GRAY PTFE TAPE

### TL-TAPE-SPEC

#### PRODUCT DESCRIPTION

##### PRODUCT

**TALON TAPE** Professional High Density Gray PTFE<sup>†</sup> 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)	Petroleum Solvents
Gasohol	Propane
Gasoline	Soap, Liquid
Glycol	Steam Lines
Glycerin	Vegetable Oils
Heating Oils	Water
Helium	Xylol

#### 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.

#### 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/cm<sup>3</sup> / 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 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 **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**

The Industry Standard for Over 100 Years

<sup>†</sup>PolyTetraFluoroEthylene

#### **TL-TAPE-SPEC**

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