

TAPE-UNYTE®

HIGH DENSITY PTFE TAPE

T-TAPE-SPEC

PRODUCT DESCRIPTION

PRODUCT

TAPE-UNYTE® High Density PTFE[†] Tape

DESCRIPTION

TAPE-UNYTE® is a heavy duty, all purpose, non-seizing, PTFE thread sealing compound in tape form that produces a leakproof seal on all types of metal and plastic threaded connections. **TAPE-UNYTE®** is a high density, 4 MIL PTFE. Tape supplied on finished spools.

RECOMMENDED USES

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

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
Corrosives	Oxygen
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

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This product is manufactured in the U.S.A.

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

*Dupont registered trademarks **FlowGuard GOLD and Blazemaster are registered trademarks of The Lubrizol Corporation

Celanese registered trademark *General Electric Plastics registered trademark

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

The information contained in this bulletin is correct to the best of our knowledge. The recommendations or suggestions herein are made without guarantee or representation as to result, since the conditions of use are beyond our control. We suggest that you evaluate the recommendations contained in this bulletin. No statement is to be construed as violating any copyright or patent. They are intended only as a source of information.

COLOR/CONSISTENCY

The tape is white in color. It shall be free of visible voids, cracks, folds, contamination and has consistent physical properties. **TAPE-UNYTE®** 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

ABS, PVC, CPVC, Delrin*, Zytel*, FlowGuard GOLD** CPVC, Blazemaster** CPVC, Fiberglass, Nylon, Polypropylene, Polybutylene, Polyethylene, Celcon***, Cyclocac**** plastics, and all types of metal.

CORROSIVENESS

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

SPECIFICATIONS

TAPE-UNYTE® meets MIL-T-27730A. Meets International Fuel Gas Code 403.9.3 for Thread Joint Compounds. Meets ASTM D3308.

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

FDA Approved.

ENVIRONMENTAL STATEMENT

TAPE-UNYTE® is chemically inert to virtually all environments. Non Flammable.

TENSILE STRENGTH LONGITUDINAL

3000 PSI max - ASTM D882 (mod)

ELONGATION

50% min - ASTM D882 (mod)

THICKNESS

.0040 ± .0005" - ASTM D374-42 -A

SPECIFIC GRAVITY

0.9 g/cm³

PACKAGING

U.S. Measure:

Stock Code	Size
Plastic Spool	
F520	¼" x 520" (.63 cm x 13.2 m)
T260	½" x 260" (1.27 cm x 6.6 m)
T520	½" x 520" (1.27 cm x 13.2 m)
T1296	½" x 1296" (1.27 cm x 32.9 m)
W260	¾" x 260" (1.9 cm x 6.6 m)
W520	¾" x 520" (1.9 cm x 13.2 m)
X260	1" x 260" (2.54 cm x 6.6 m)

SHIPPING WEIGHT PER CASE

Stock Code	Case Weight	#/Case
F520	1 lbs. (0.5 kg)	12
T260	1 lbs. (0.5 kg)	12
T520	1 lbs. (0.5 kg)	12
T1296	2 lbs. (0.9 kg)	12
W260	1 lbs. (0.5 kg)	12
W520	2 lbs. (0.9 kg)	12
X260	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 **TAPE-UNYTE®** then apply **SELECT-UNYTE** over the tape.

MADE IN THE U.S.A.



LISTED
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

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