

TAPE-UNYTE®

HIGH DENSITY PTFE TAPE

T-TAPE-SPEC

PRODUCT DESCRIPTION

PRODUCT

TAPE-UNYTE® High Density PTFE Tape

TYPE

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 (polytetrafluoroethylene) 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, Diluted	Hydraulic Oils
Air, Compressed	Hydrogen
Aliphatic Solvents	Inert Gases
Alkalis, Diluted	Jet Fuel
Ammonia	Kerosene
Brine	L P Gases
Butane	Lacquer
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 Gases
Fatty Acids	Soap, Liquid
Freon (All)	Steam Lines
Gasohol	Sugar, Liquid
Gasoline	Vegetable Oils
Glycol	Water
Heating Oils	Xylol
Helium, Gaseous	

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

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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***, Cylolac**** plastics, and all types of metal.

U.S. MILITARY SPECIFICATIONS

TAPE-UNYTE® exceeds MIL-T-27730A.

ENVIRONMENTAL STATEMENT

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

CORROSIVENESS

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

TENSILE STRENGTH - LONGITUDINAL

3000 PSI max - ASTM D882 (mod)

ELONGATION

50% min - ASTM D882 (mod)

THICKNESS

.0040 ± .0005 Inches - ASTM D374-42 -A

PACKAGING

U.S. Measure:

Stock Code	Size
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" (1.9 cm x 6.6 m)

SPECIFIC GRAVITY

0.9 g/cm3

SHIPPING WEIGHT PER CASE

Stock#	Case Weight	#/case
F520	1 lbs. (0.5 kg)	12/case
T260	1 lbs. (0.5 kg)	12/case
T520	1 lbs. (0.5 kg)	12/case
T1296	2 lbs. (0.9 kg)	12/case
W260	1 lbs. (0.5 kg)	12/case
W520	2 lbs. (0.9 kg)	12/case
X260	1 lbs. (0.5 kg)	12/case

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®** PTFE Tape, then apply **SELECT-UNYTE** over the tape.



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*Dupont registered trademarks **FlowGuard GOLD and Blazemaster are B.F. Goodrich registered trademarks ***Celanese registered trademark ****General Electric Plastics registered trademark PTFE (polytetrafluoroethylene) is the same chemical composition as Dupont Teflon®