

# SELECT-UNYTE

## PTFE THREAD SEALING COMPOUND

### TF-SPEC

#### PRODUCT DESCRIPTION

##### PRODUCT

**SELECT-UNYTE** Pipe Thread Compound with PTFE<sup>□</sup>

##### DESCRIPTION

**SELECT-UNYTE** is an all purpose, non-seizing, PTFE thread sealing compound that produces a leakproof seal on all types of metal and plastic threaded connections. **SELECT-UNYTE** is a smooth, grit free, completely homogenized, white PTFE paste.

- Non-Separating
- Grit Free
- Non-Toxic
- Easy Cleanup
- Adheres to Oily Threads

##### RECOMMENDED USES

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

Suitable for use on systems carrying:

Acids, Dilute	Hydraulic Oils
Air, Compressed	Hydrogen
Aliphatic Solvents	Inert Gases
Alkalis, Dilute	Jet Fuel(JP4,5&6)
Ammonia	Kerosene
Brine	Lacquer
Butane	L P Gases
Carbon Dioxide	Mineral Oils
Castor Oils	Naphtha
Chlorinated Water	Natural Gas
Coal Tar Naphtha	Nitrogen Gas
Cutting Oils	Petroleum Solvents
Diesel Exhaust	Propane
Fluid (DEF)	Refrigeration
Diesel Fuel Oil	Gases
Fatty Acids	Soap, Liquid
Freons (All)	Steam Lines
Gasohol	Sugar, Liquid
Gasoline <sup>^</sup>	Vegetable Oils
Glycol	Water (Potable)
Heating Oils	Xylol
Helium, Gaseous	

##### TF-SPEC

© 2017 J.C. Whitlam Manufacturing Company  
This product is manufactured in the U.S.A.

<sup>□</sup>PolyTetraFluoroEthylene    <sup>^</sup>Contact J.C. Whitlam Mfg. Co. for compatible blends.  
<sup>\*</sup>Dupont registered trademarks.    <sup>\*\*</sup>Celanese registered trademark.    <sup>\*\*\*</sup>General Electric Plastics registered trademark.

#### COLOR/CONSISTENCY

White brushable paste of smooth, grit free consistency. **SELECT-UNYTE** has an indefinite shelf life.

#### TEMPERATURE RANGE USE

**Gases:**  
-50°F (-46°C) to 400°F (204°C)

**Liquids:**  
-50°F (-46°C) to 400°F (204°C)

**Brushable to:**  
-50°F (-46°C)

#### PRESSURE RANGE USE

**Gases:**  
up to 3,000 PSI (211 kg/cm<sup>2</sup>)

**Liquids:**  
up to 10,000 PSI (703 kg/cm<sup>2</sup>)

#### DRYING TIME\*

The system may be pressurized immediately after assembly. Soft set, non-hardening.

#### FOR USE ON THREADED

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

#### CORROSIVENESS

**SELECT-UNYTE** is non-corrosive, and prevents the corrosion and seizing of threads.

#### U.S. FEDERAL SPECIFICATIONS

**SELECT-UNYTE** exceeds TT-S-1732.

#### ENVIRONMENTAL STATEMENT

**SELECT-UNYTE** is formulated with non-toxic inert oils and is free from any lead containing ingredients.

#### WEIGHT PER U.S. GALLON

11.9 lbs. (5.4 kg) ± 0.2

#### PACKAGING

##### U.S. Measure:

<u>Stock Code</u>	<u>Size</u>
<b>Squeeze Tube</b>	
TF2	2 oz. (.056 kg)
<b>Brush Top Can</b>	
TF4	¼ pint (118 ml)
TF8	½ pint (237 ml)
TF8A (display box)	½ pint (237 ml)
TF16	1 pint (473 ml)
TF32	1 quart (.95 L)
<b>1 Gallon Metal Can w/ Handle</b>	
TF1	1 gal. (3.785 L)
<b>5 Gallon Plastic Pail w/ Handle</b>	
TF5	5 gal. (18.9 L)
<b>55 Gallon Open Head Steel Drum</b>	
TF55	55 gal. (208 L)

#### SHIPPING WEIGHT PER CASE

<u>Stock Code</u>	<u>Case Weight</u>	<u>#/Case</u>
TF2	11 lbs. (5.0 kg)	72
TF4	15 lbs. (6.8 kg)	24
TF8	23 lbs. (10.4 kg)	24
TF8A	13 lbs. (5.9 kg)	12
TF16	22 lbs. (10.0 kg)	12
TF32	43 lbs. (19.5 kg)	12
TF1	52 lbs. (23.6 kg)	4
TF5	66 lbs. (29.9 kg)	1
TF55	640 lbs. (290.3 kg)	1

#### DIRECTIONS FOR USE

1. Stir well before using.
2. Brush liberally onto male threads.
3. Make up joint in a normal manner.

On large diameter pipe 2" (5.08 cm) and up, first wrap the pipe threads with two or more thicknesses of **Tape-Unyte®** PTFE Tape, and then apply **SELECT-UNYTE** over the tape.



Underwriters' Laboratories of Canada Listed for Natural Gas, Gasoline, Petroleum Oils, Propane & Butane



pw-G/dww/sw  
Meets NSF Standard 14 NSF Standard 61



Approved for Natural Gas, Propane, LP Gas and Butane



P.O. Box 380  
Wadsworth, Ohio 44282  
Phone: 330-334-2524  
Fax: 330-334-3005  
Email: info@jcw Whitlam.com  
Website: www.joinpipe.com

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. \*Note: Both set time and cure time are affected by humidity and temperature and may vary greatly ±.