

# PTFE TAPE YELLOW GAS LINE GT-SPEC

## PRODUCT DESCRIPTION

### PRODUCT

YELLOW GAS LINE PTFE<sup>1</sup> TAPE

### DESCRIPTION

**YELLOW GAS LINE PTFE TAPE** is a high density PTFE Tape specifically formulated for use on natural gas, propane and butane lines. Tape supplied on finished spools.

### RECOMMENDED USES

**YELLOW GAS LINE** can be used on galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, polypropylene, PVC, CPVC, ABS and fiberglass threaded piping.

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	Propane
Cutting Oils	Refrigeration Gases
Diesel Fuel Oil	Soap, Liquid
Fatty Acids	Steam Lines
Freon (All)	Sugar, Liquid
Gasohol	Vegetable Oils
Gasoline <sup>^</sup>	Water
Glycol	Xylol
Heating Oils	
Helium, Gaseous	

### COLOR/CONSISTENCY

The tape is pale yellow in color. 4 Mil thick. Never hardens or crumbles and will not change from present state. **YELLOW GAS LINE** has an indefinite shelf life.

### GT-TAPE-SPEC

© 2022 J.C. Whitlam Manufacturing Company

<sup>1</sup>PolyTetraFluoroEthylene    <sup>^</sup>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<sup>®</sup>

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.

### 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 3,000 PSI (435 kPa)

**Liquids:** up to 10,000 PSI (1450 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

**YELLOW GAS LINE** is non-corrosive, and prevents the corrosion and seizing of threads.

### U.S. MILITARY AND INTERNATIONAL SPECIFICATIONS

**YELLOW GAS LINE** meets MIL-T-27730A.

Meets International Fuel Gas Code 403.9.3 for Thread Joint Compounds.

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

### ENVIRONMENTAL STATEMENT

**YELLOW GAS LINE** is chemically inert to virtually all environments. Non Flammable.

### DENSITY

0.90 +.1/-0 g/l

### TENSILE STRENGTH LONGITUDINAL

3000 PSI max - ASTM D882 (mod)

### ELONGATION

50% minimum – 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**

GT260      ½" x 260" (1.27 cm x 6.6 m)

GT520      ½" x 520" (1.27 cm x 13.2 m)

### SHIPPING WEIGHT PER CASE

Stock

Code      Case Weight      #/Case

GT260      8 lbs. (3.6 kg)      144

GT520      10 lbs. (4.5 kg)      144

## 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 **YELLOW GAS LINE**, 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

P.O. Box 380 • Wadsworth, OH 44282 U.S.A.

Phone: 1-330-334-2524 • FAX 1-330-334-3005

Email: [info@jcwhtlam.com](mailto:info@jcwhtlam.com)

Website: [www.gastape.com](http://www.gastape.com)