



# TAPE DOPE® HIGH DENSITY PROFESSIONAL GRADE PTFE THREAD SEALANT TECHNICAL SPECIFICATION

Job Name _____	Item # _____
Location _____	
Engineer _____	Contractor _____
PO # _____	Tag _____
Representative _____	

## DESCRIPTION

- High density, high quality pipe joint tape for sealing threaded pipe, valves, fittings, accessories and controls. Tape Dope securely seals all threaded piping including steel, galvanized and black iron, brass, copper, aluminum, stainless steel, glass, Monel, synthetic rubber, and all plastics.
- Does not shred; requires fewer wraps than cheaper inferior tapes. Tape Dope is self-lubricating and its excellent dielectric properties minimize galvanic action. Will not harden, crack, or crumble. Joints can be disassembled with ease after years of use.
- Chemically inert, it is ideal for lines carrying water, steam, oils and gases as well as acids, corrosive chemicals, refrigerants, fuels and solvents. Will not contaminate material carried in pipes. Protects against any corrosive action of chemicals. Tape Dope is a compressible solid and is not affected by weather.
- Tape Dope can be used for repairs, original equipment, and maintenance of any threading application.



## APPROVALS & LISTINGS

- This product is not classified as hazardous in accordance with OSHA 1910. 1200.

## APPLICATION / USES

- **Tape Dope** can be used for repairs, original equipment, and maintenance of any threading application.
- **Use Tape Dope for sealing:**
  - Aluminum
  - Black Iron
  - Brass
  - Copper
  - Fittings
  - Galvanized Iron
  - Glass
  - Monel
  - All Plastics
  - Stainless Steel
  - Steel Accessories
  - Steel Controls
  - Synthetic Rubber
  - Threaded Pipe
  - Valves

\*For special applications which may not be covered on this or other Oatey literature, please contact Oatey Technical Services Department by phone 1-800-321-9532, or fax 1-800-321-9535, or visit our technical database web-site at [www.Oatey.com](http://www.Oatey.com).

## PHYSICAL PROPERTIES / INGREDIENTS

PHYSICAL PROPERTIES	
Appearance/color	White tape
Density	1.0 - 1.3 g/cc
Pressure Rating*	10,000 psi
Temperature Range	-450°F to 500°F
Tensile Strength	1900 to 3300 psi
Solubility in water	Not soluble
Reactivity	Inert to most chemicals other than Fluorine or hot polymer waxes and plasticizers
Melting point	620°F
Thickness	0.0035 +/- 0.0005"
Pressure Rating*	10,000 psi
Elongation	
Material	
Shelf Life	Indefinite

\*Temperature at which pipe joint compound will function



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## PRODUCT SELECTOR

TAPE DOPE®					
✓	Product Number	Size	Packing	Weight	UPC Code
	15124	1/2" x 500"	24		
	15127	1/2" x 750"	24	3.0 lbs	032628-151277
	15136	3/4" x 500"	12	1.7 lbs	032628-151369

## MATERIAL SAFETY INFORMATION

### FOR MORE INFORMATION ON THIS PRODUCT, REQUEST SAFETY DATA SHEET

For Delivery by Fax	Call 1-800-321-9535
Internet	See SDS section of <a href="http://www.Oatey.com">www.Oatey.com</a>
HMIS® ratings	Health: 0 Flammability: 0 Physical hazard: 0

## PRECAUTIONS

- Read all cautions and directions carefully before using product.
- Avoid prolonged exposure to fumes given off at temperatures over 500° F.
- Should not be used on high-speed shafts where the surface speed exceeds 150 sfpm.

## DIRECTIONS

1. Hold roll in the palm of the hand. Lay end of tape dope on male threads as close as possible to base end of threads. Hold end of tape dope firmly and apply clockwise on standard threads stretching tightly as you wind.
2. Continue to wind and stretch tape dope tightly so tape seats in threads; once around on joints less than 2", twice around on 2" and larger sizes.
3. Complete circle and overlap starting point about 1/2". Since tape dope has no adhesive, be sure to continue holding tightly until tape is firmly overlapped. Final wrap should not extend past terminal end of threads.
4. Tear tape dope by pulling in the same direction as you were winding until it separates. Smooth torn end by running fingers over it in the same direction it was applied. Tape dope will adhere to itself. Make up joint or connection in normal manner. Be aware that PTFE has substantial lubricating qualities and over tightening is possible if precautions are not taken.