



# TFE PIPE JOINT TAPE TECHNICAL SPECIFICATION

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

## DESCRIPTION

- An economical, low density grade of polytetrafluoroethylene (PTFE) pipe joint tape for sealing threaded pipe, valves, fittings, accessories and controls including those made from steel, galvanized and black iron, brass, copper, aluminum, stainless steel, glass, synthetic rubber, and all plastics.
- TFE Pipe Joint Tape is weather resistant, flexible, non-stick, non-flammable, low dielectric constant, chemically inert and usable at low temperatures. Joints made with TFE Pipe Joint Tape will not "freeze," seize, or harden with age.
- Product withstands temperatures from -450° to 500°F and pressures to 10,000 lbs. psi. Since TFE pipe joint tape is chemically inert, it is resistant to chemicals, heat, corrosion and impact making it suitable for many applications including use on chemical processing equipment, electrical insulation and mechanical applications. The lubricity of polytetrafluoroethylene helps make threaded joints easy to assemble and disassemble, so product is excellent for applications which are subject to frequent dismantling. White color for universal use.



## APPROVALS & LISTINGS

- This product is not classified as hazardous in accordance with 29 CFR OSHA 1910.1200.

## APPLICATION / USES

- **TFE Pipe Joint Tape** can be used for repairs and maintenance of any threading application in plumbing, mechanical and chemical processing equipment, or as electrical insulation due to its low dielectric properties.
- Use **TFE Pipe Joint Tape** for sealing threaded pipes, valves, fittings and accessories.

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

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Appearance/color	White Tape
Density	0.35 – 0.45 g/c <sup>3</sup>
Pressure Rating:	10,000 psi
Thickness	0.0030 +/- 0.0005"
Temperature Use Range*	-450°F to 500°F
Shelf Life	Indefinite

\*Temperature at which pipe joint compound will function

## PRODUCT SELECTOR

TFE PIPE JOINT TAPE				
✓	Product Number	Size	Packing	Weight
	15162	1/2" x 260"	144	3.7 lbs.
	15164	1/2" x 520"	144	4.5 lbs.
	15169	1/2" x 1296"	36	2.7 lbs.
	15176	3/4" x 520"	36	1.6 lbs.
	15183	1" x 520"	36	2.0 lbs.

## 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



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## PRECAUTIONS

- Read all cautions and directions found on the product label carefully before using this 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 **TFE Pipe Joint Tape** on male threads as close as possible to end of threads without overlapping edge. Hold end of **TFE Pipe Joint Tape** firmly and apply clockwise on standard threads stretching tightly as you wind.
2. Continue to wind and stretch tape tight so tape seats in threads. At least one and half turns for joints under 2", twice around on 2" and larger sizes.
3. Complete circle and overlap starting point about 1/2". Since **TFE Pipe Joint Tape** has no adhesive, be sure to continue holding tightly until tape is firmly overlapped.
4. Tear tape 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 will adhere to itself. Make up joint or connection in normal manner. For heavy duty applications use **Hercules Tape Dope®** high density polytetrafluoroethylene thread sealing tape.