

# Tape Dope®

## High Density Professional Grade PTFE Thread Sealant



### 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. Made of polytetrafluoroethylene (PTFE). 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. Non-toxic and 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. It withstands temperatures from -450°F to 500°F and pressures to 10,000 lbs. psi. White color for universal use. Meets or exceeds all performance requirements for use with oxygen under MIL-T-27730A (ASG).

### SIZES AND PACKING

STOCK NO.	SIZE	PACKING	WEIGHT/CASE	UPC CODE
15111	1/4" X 200"	12	.9 lbs.	032628-151116
15122	1/2" X 200"	24	1.9 lbs.	032628-151222
15124	1/2" X 500"	24	2.7 lbs.	032628-151246
15127	1/2" X 750"	24	3.0 lbs.	032628-151277
15136	3/4" X 500"	12	1.7 lbs.	032628-151369



specifications

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### APPROVALS AND LISTINGS

Meets MIL-T-27730A (ASG)  
Certified for gas by CSA.

### SPECIFIC USES

Use **tape dope** for sealing threaded pipe, valves, fittings, accessories and controls made from steel, galvanized and black iron, brass, copper, aluminum, stainless steel, glass, Monel, synthetic rubber, and all plastics.

### SPECIFIC APPLICATIONS\*

**Tape dope** can be used for repairs, original equipment, and maintenance of any threading application.

### PHYSICAL PROPERTIES

Solubility in water:	Not soluble
Reactivity:	Inert to most chemicals other than Fluorine or hot polymer waxes and plasticizers.
Melting point:	620°F.
Thickness:	3.5 mils minimum
Appearance/color/odor:	White tape. No odor.

### WARNINGS OR CAUTIONS

- 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 FOR USE

- 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.

### MATERIAL SAFETY INFORMATION

**FOR MORE INFORMATION ON THIS PRODUCT,  
REQUEST MATERIAL SAFETY DATA SHEET (MSDS) #7**

For Delivery by Fax	Call 1-800-942-4636
Internet	See MSDS section of <b>www.herchem.com</b>
Mail	Contact Hercules at address below or any Hercules representative.

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

HMIS Hazard Warning 0-0-0-A.

\*For special applications which may not be covered on this or other Hercules literature, please contact Hercules Technical Services Department by phone 1-800-221-9330, or fax 1-800-333-3456, or visit our technical database web-site at [www.herchem.com](http://www.herchem.com).



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ISO 9001: 2008 Certified



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