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# TFE™ Pipe Thread Sealant w/PTFE

## Product Description

TFE™ is a superior grade, non-hardening, heavy-duty pipe thread sealant that is easy to-apply. It is formulated to a thick paste consistency, fortified with an extra amount of PTFE and PTFE materials to give a positive seal with less effort. Because of its unique solids content, TFE fills thread imperfections and provides leak-proof joints that seal for the life of the connection.

TFE™ is recommended for pipe threads carrying water, steam, LP and natural gas, refrigerants, solvents, caustics, dilute acids, oils, and diesel fuel. Withstands temperatures to 500°F (260°C) and pressures to 10,000 psi (Liquid), 2,000 psi (gas).

**UL Classified** 0 to 10 less hazardous than paraffin oil in respect to fire hazard. For use in handling gasoline, petroleum oils, natural gas (pressure not over 100 psig) an propane not exceeding 2 in. Pipe size.

**UL Classified** 0 to 10 less hazardous than paraffin oil in respect to fire hazard. For use in joining and sealing threaded sprinkler systems and water spray system piping not exceeding 2 in. Pipe size containing air, nitrogen, water or propylene glycol or glycerol antifreeze solutions.

**NSF Registration** #28341, Rating P1 category, Sealant for Food Zone (Previous USDA H1 category).

**FDA Meets Regulations** CRF, Title No. 21, Para. 178.3570, lubricants with incidental food contact.

## Features & Benefits

- Heavy-duty sealant
- Contains no solvents
- Non-staining, non-corrosive, non-hardening, non-toxic
- Non-dripping, can be applied to newly cut hot threads
- Self-lubricating
- UL Classified and NSF Registered
- UL Classified for fire protection sprinkler systems
- FDA and USDA authorized
- Prevents corrosion, seizing and galling
- Allows for adjustments after joint assembly

## Applications include

All Pipe and Threaded Connections made of Cast Iron, Malleable, Brass, Copper, and Stainless Steel for water, steam, LP and natural gas, refrigerants, fuel oils, hydraulic oil, diluted acids and caustics. TFE is designed for use by all pipe fitters, fabricators, plumbers, and mechanical contractors.

## Typical Properties

Property	Value
Temperature Range	-50°F to +500°F (-46° to +260°C)
Pressure Range	Liquids to 10,000psi Gases to 2,000 psi
Color	Off White
Flash Point	>350°F
Specific Gravity	1.48
Weight Per Gallon	12.5 LB/gal
Viscosity	1,600,000 - 1,800,000 cps. Spindle #6 @ 1 rpm @ 25°C - Brookfield Model Hat
Toxicity	Non-Toxic
Consistency	Soft and Semi-Granular
Shelf Life	2 Years

## Cautions

This product is not recommended for use in an oxygen system and not as a sealant for chlorine or other strong oxidizing materials. Read all information on labels and Material Safety Data Sheets prior to use. All products should be tested and evaluated for a particular purpose prior to use.

## Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

### Available In:

2oz bt	3oz tube	1/4pt bt	6oz tube	1/2pt bt	1pt bt
14002	14003	14005	14008	14012	14018
1qt	1qt bt	1gl can	5gl pail	55gl drum	
14025	14026	14030	14050	14055	

## ANTI-SEIZE TECHNOLOGY

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