

**NEW !!!**



## Revolutionary, patented Pipe Thread Sealant Monofilament made of 100% Polytetrafluoroethelyne (P.T.F.E.) for sealing metal & plastic threaded pipe joints

### Features

- Fermit PTFE pipe sealing thread is a dynamic sealant which adjusts it's state during installation.
- Creates a perfect seal by calandring the P.T.F.E. into a film in the exact thickness required between the two pipe ends.
- Absolutely chemically resistant to the most aggressive chemicals, solvents, fuels and acids.
- Remains functionally stable in a temperature range from  $-200\text{ }^{\circ}\text{C}$  to  $+240\text{ }^{\circ}\text{C}$ .
- It is not flammable and does not burn.

### Product Advantages

- Non hazardous material with no limitation on shelf-life.
- P.T.F.E. is completely resistant to surface fouling, oxidation, embrittlement, fungal or bacterial growth, enzymatic or microbiological attack.
- Absolutely inert while remaining soft and pliable throughout its life.
- No effect whatsoever on the process fluids in the pipes.
- The P.T.F.E. is the seal and does not require the presence of additives to function as a seal.

### Application Advantages

- Replaces all other sealants and tapes on all threads.
- Easier and quicker to install than other sealants.
- Low cost per seal for maximum performance.
- Simply wrap around the threads in an overlapping haphazard fashion.
- Install directly from the hand held dispenser with it's unique  $360^{\circ}$  proprietary cutter.
- Unused product remains safely protected from dirt & dust for future use.



**Fermit GmbH**

Zur Heide 4  
D-53560 Vettelschoß


Tel: 02645 - 2207

Fax: 02645 - 3113

Homepage: [www.fermit.de](http://www.fermit.de)

E-Mail: [info@fermit.de](mailto:info@fermit.de)

### Product Approvals

- DIN-DVGW for gas and water installations according to EN751-3 FRp and GRp and DIN 30660 (NV-5143BP0261).
- DIN-DVGW tested & approved for pipe adjustments up to 45°.
- DVGW tested & approved up to 100 bar pressure in accordance with EN751-3 test protocol (tested at 23°C).
- TZW tested & approved for hot & cold water in accordance with German Health Ministry recommendations.
- BAM tested & approved for use with gaseous oxygen at 30 bar & 100 °C (for use with the installation aid, II-2742/2004E).
- BAM tested & approved for use with liquid oxygen at 30 bar & 100 °C (use without installation aid, II-2742/2004E).
- WRAS listed product for U.K. Water Regulations Advisory Scheme for use with hot and cold water (Ref. 0212515).
- ASTM F423 Steam & Cold Water Cycle Test – D0 passed.
- UL Listed Seal Material 19BN File MH26734 according to Outline 1321 for use in assemblies handling gasoline, petroleum oils, naphta, propane, butane, benzene, kerosene and natural gas (<300 psig). 



### Installation

- Beginning at the end of the thread, wrap in a overlapping haphazard fashion in the direction of the thread.
- Apply 2 or 3 drops of installation aid directly from the separate dispenser and smear over the P.T.F.E. with the finger. This is a non-hazardous biodegradable material.
- Concentrate at the end of the pipe and cover only 10 to 15mm of the thread.
- The manufacturer's guidelines on the number of wraps are:  
 1/2" pipe 12 (Fine threads) to 18 (Coarse threads) wraps  
 1 1/2" pipe 16 (Fine threads) to 24 (Coarse threads) wraps  
 For other pipe diameters adjust the number of wraps.

### Packaging

- Fermit PTFE pipe sealing thread is supplied in 175m lengths in a hand held container with a protected unique 360° cutter and integrated dispenser containing installation aid.
- 12 in each carton.

### Fermit GmbH

Zur Heide 4  
D-53560 Vettelschoß

Tel: 02645 - 2207

Fax: 02645 - 3113

Homepage: [www.fermit.de](http://www.fermit.de)

E-Mail: [info@fermit.de](mailto:info@fermit.de)