



Bringing Quality & Excellence

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# TECHNICAL DATA SHEET

## TFW™ PTFE Fire Sprinkler, Pressurized Air and Natural Gas Pipe Thread Sealant

### DESCRIPTION

TFW Multi-purpose Thread Sealant with PTFE is a non-hardening, non-toxic sealant for sealing and protecting threaded pipe connections. Its low coefficient of friction allows a tight make-up with low torque and dismantles easily without damaging threads. TFW provides a good sealing performance upon application and provides a leak proof seal on pressurized pipework. Its formula ensures it is particularly suitable for fine thread taper connections. TFW contains no lead or harmful metals. TFW is listed in the USA Uniform Plumbing Code (IAPMO), File No 1282.

### ADVANTAGES

- Non-Hardening
- Contains PTFE & Seals upon application.
- Contains no lead or harmful metals.
- Non-Toxic.
- Lubricates threads to allow tighter joints.
- Non-Staining.
- Suitable for liquids and gases as below.

### COMPATIBLE WITH:

Dilute Acid	Dilute Alkali
Ammonia	Aliphatic Solvent Brine
CO2	Cold Tar Naphtha oils
Water	Fatty acids
Air	Hyd. Oil
Helium gas	Inert Gases
LP gas	Mineral Oils
Natural gas	Nitrogen Gas
Petroleum solvents	Steam
Vegetable oils	

### APPLICATIONS:

#### Suitable joint materials:

Steel	Aluminium	Brass	Copper	Iron
GRP	PVC	CPV	ABS	

**NB. NOT SUITABLE FOR OXYGEN**

### PRODUCT CHARACTERISTICS

Service range, up to:	260°C (500°F)
Thickener:	Clay/ Synthetic
Fluid Type:	Synthetic
Dropping Point (ASTMD-2265):	450°F (232°C)
Specific Gravity:	1,2
Oil Separation Wt. % Loss @212°F (100°C):	<5,0
Flash Point (ASTM D-92):	>350°F (177°C)
Non-volatile content:	100%
Viscosity (Brookfield):	160.000 - 260.000cPs
Brushable to:	-18°C(0°F)
Copper Strip Corrosion(ASTM D-4048):	1A
Pressures to:	10.000 psi (liquids) 2.000 psi (gases)

### PACKAGING

Code	Net contents	Container
52233470	250g	Brush Top Can
70900132	500g	Brush Top Can
50863235	1kg	Tub
40422879	5kg	Pail
55699884	20kg	Pail

#### LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited materials and workmanship. This limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube (UK) Limited. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube (UK) Limited shall not be liable for incidental or consequential damages.



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