

JET-LUBE V-2 PLUS™

MULTI-PURPOSE THREAD SEALANT

DESCRIPTION

V-2 PLUS Multi-Purpose Thread Sealant is a soft-setting, non-petroleum based thread sealant for use with potable water, liquids and gases where immediate pressurisation is desirable or necessary. V-2 PLUS Multi-Purpose Thread Sealant is a water resistant, nonstaining, low odour sealant which includes Aramid fibre, PTFE and unique natural fillers for better sealing and a tighter joint make-up due to increased thread lubrication. V-2 PLUS will provide an excellent seal for correctly made-up taper thread connections across the whole range of readily available pipe diameters.

V-2 PLUS Multi-Purpose Thread Sealant is non-toxic, environmentally safe, and contains no lead or metals.

V-2 PLUS is easily applied and is brushable.

ADVANTAGES

• Soft Setting	• Allows immediate pressurisation**
• Nonpetroleum based	• Contains Aramid Fibre, PTFE & natural fillers
• Water resistant	• Approved for potable water and gas installations
• Lead and Metal free	• Non-flammable, Non staining
• Low odour	• Brushable of -18°C (0°F)

**Certain applications may require a dry time for optimum results

APPLICATIONS

V-2 PLUS may be used on steel, aluminium brass, copper, iron, polyethylene, reinforced fibreglass, and PVC. Do not use V-2 PLUS on ABS and CPVC. For ABS and CPVC use JET-LUBE TFW Thread Sealant with PTFE.

V-2 PLUS is recommended for threaded pipe carrying:

Air	Diesel Fuel	LP Gas
Ammonia	Heating Oils	Natural Gas
Brine	H ₂ S	Nitrogen, Gaseous
Butane/Propane	Hydraulic Oil	Refrigerants
CO ₂	Inert Gases	Steam
Dilute Caustics and acids	Kerosene	Water

RATINGS

U.S. MILITARY SPECIFICATIONS: Meets or exceeds Federal Specification TT-S-1732.

BRITISH STANDARDS: This product has satisfied test criteria as set forth in British Standard 6920: part 1 and 2: 1988 and is UK WRAS Listed for potable water.

This compound is suitable for use as a Class A, Class Arp and Class B thread sealant as defined by BSEN751-2: 1997 for gas pipe connections, thus making it suitable for gas installation work carried out by CORGI registered personnel.

NSF rated P-1 (incidental contact, misc products)

V-2 PLUS EXCEEDS THE UL LABORATORIES TEST PRESSURES FOR THE MEDIA BELOW:

GASOLINE & PETROLEUM OILS	-1000KPa	(145 psi)
PROPANE, BUTANE	-1725kPa	(250 psi)
NATURAL GAS & METHANE	-10,342 kPa	(1500 psi)
WATER	-1200 kPa	(175 psi)

How to avoid a leaky connection:

Do not use hemp or other fibres with V-2.

Do not mix NPT, BSP or any other standard in the same connection. Make sure the threads are properly cut and clean. Make sure the pipe is round and not oval. Coat the sealant onto the male threads. Tighten according to the applicable standard. Beware of re-used fittings as they are often deformed and do not seal as effectively.

PRODUCT CHARACTERISTICS

Fluid Type	Vegetable Oil
Colour Appearance	Ivory/Beige Semi Fluid
Dropping Point (ASTM D-2265)	Not applicable
Specific Gravity	1.32
Oil Separation	Not applicable
Wr. % Loss @ 100°C (212°F)	
Flash Point (Seta Closed Cup)	113°C (235°F)
Non-volatile Content	84%
Viscosity, Brookfield (ASTM D-2196)	
#7 Spindle, 5 rpm 25°C (77°F)	160,000-300,000 cps
Brushable to:-	-18°C (0°F)
Copper Strip Corrosion (ASTM D-4048)	1A
Service Rating	260°C (500°F)
Natural Gas Pressure Test:	
15514kPa (2250psi), 10 days @ 23°C (73°F)	PASS
Pressure	to 10,000 psi Liquid to 2,000 psi Gases

PACKAGING

Code No.	Size	Container
35603	300g	Tub

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.