

V-2[®]

Multi-Purpose Thread Sealant



TECHNICAL DATA SHEET

3820 - 97 Street, NW, Edmonton, Alberta Canada T6E 5S8 • Phone (780) 463-7441 Toll Free 1-888-771-7775 Fax (780) 463-7454 Toll Free 1-888-449-4449
email: sales@jetlubecanada.com Web site: www.jetlubecanada.com

DESCRIPTION

V-2[®] Multi-Purpose Thread Sealant is a soft setting, non-petroleum based thread sealant designed for use with potable water, liquids, and gases where immediate pressurization is desirable or necessary. It is a water resistant, non-staining, low odor sealant which includes PTFE and unique natural fillers for tighter joint make-up and increased thread lubrication.

V-2[®] Multi-Purpose Thread Sealant is a non-toxic, environmentally safe, high performance product which contains no metals. It is easily applied and is brushable to -18°C (0°F).

CHARACTERISTICS

- Soft setting
- Non-petroleum based
- Water resistant
- For use with potable water
- Non-flammable
- Non-staining
- Allows immediate pressurization
- Brushable to -18°C (0°F)
- Contains PTFE and natural fillers
- Lead-free
- Metal-free
- Low odor

APPLICATIONS

V-2[®] may be used on steel, aluminum, brass, copper, iron, polyethylene, reinforced fiberglass, PVC and CPVC. It is recommended for threaded pipe carrying:

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

APPROVALS

U.S. NATIONAL SANITATION FOUNDATION	U.S. MILITARY SPECIFICATIONS
Authorized by NSF for use in Federally Inspected meat and poultry plants. Authorized Category P-1, Registration #121265.	Meets or exceeds the following Military Specification: MIL-TT-S-1732
BRITISH STANDARDS	CERTIFIED RATINGS BY U.L. OF CANADA
This product has satisfied test criteria as set forth in British Standard 6920: Part 2: 1998 and is UK WFBS listed, test reports M101590 and MA2100/S. Test results are available upon request from JET-LUBE Technical Services: 1-800-JET-LUBE (538-5823), Houston, Texas.	In respect of Fire Hazard, rated less than 10 below Paraffin Oil. Flash Point, closed cup, in excess of 113°C (235°F). For sealing threaded connections at the following maximum pressures: GASOLINE & PETROLEUM OILS - 1,000 kPa (145 psi) PROPANE, BUTANE - 1,725 kPa (250 psi) NATURAL GAS & METHANE - 10,000 kPa (1,500 psi) WATER - 1,200 kPa (175 psi)

PACKAGING

Inventory Code	Container Size	Container
22002	225 ml	Brush-Top
22004	1 Liter	Jar
22005	5 Liter	Pail
22010	10 Liter	Pail
22055	55 Liter	Keg

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INSTRUCTIONS

- Do not dilute.
- Clean threads of any contaminants.
- Stir contents.
- Apply to male threads.
- Make up joints to proper torque before pressurizing system.
- **Note** - because PTFE compounds are very slick it is recommended to reduce make-up torques by 20 - 25%.

PRODUCT SPECIFICATIONS

Viscosity at 25°C (77°F)	64,000 CPS
Density (kg/liter), Typical @ 25°C (77°F)	1.38
Flash Point - Seta Closed Cup	112°C (235°F)
Color	Off-White
Water Spray-Off Resistance ASTM D-4049:	
As applied	Less than 20%
Fully Set	Less than 5%

OPERATING RANGE:

Temperatures from: -57°C to 260°C
(-70°F to 500°F)

Brushable to -18°C (0°F)

Pressures to: 69,000 kPa (10,000 psi) for Liquids
14,000 kPa (2,000 psi) for Gases

CERTIFICATIONS

Military Specification - MIL-TT-S-1732

Nato S-716

ULC Listed - for petroleum products

NSF Registered P1 - Reg. #121265

WARNING

Prolonged and repeated contact with the eyes and skin could result in irritation and redness on persons with sensitive skin and eyes. For more information refer to the Material Safety Data Sheet.

LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. 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 of Canada Ltd.

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 of Canada Ltd. shall not be liable for incidental or consequential damages.

