

METATRON™ I60

MULTI-PURPOSE THREAD SEALANT

DESCRIPTION

Metatron™ I60 Multi-Purpose Thread Sealant is a soft-setting, nonpetroleum based thread sealant for use with potable water, liquids, and gases where **immediate pressurization** is desirable or necessary.

Metatron™ I60 Multi-Purpose Thread Sealant is a water resistant, nonstaining, low odor sealant which includes PTFE and unique natural fillers for tighter joint make-up due to increased thread lubrication. **Metatron™ I60 Multi-Purpose Thread Sealant** is a nontoxic, environmentally safe, high performance thread sealant that contains no lead or metals.

CHARACTERISTICS

Metatron™ I60 is easily applied and is brushable.

- Soft Setting
- Nonpetroleum based
- Water resistant
- Lead and Metal free
- Low odor
- Allows immediate pressurization**
- Contains PTFE and natural fillers
- For use with potable water
- Nonflammable, Nonstaining
- Brushable to 0°F (-18°C)

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

APPLICATIONS

Metatron™ I60 may be used on steel, aluminum, brass, copper, iron, polyethylene, reinforced fiberglass and PVC. Do not use **Metatron™ I60** on ABS and CPVC. For ABS and CPVC use Metatron 94. Thread Sealant with PTFE. **Metatron™ I60** is recommended for threaded pipe carrying:

Air	Diesel Fuel	LP Gas
Ammonia	Heating Oils	Natural Gas
Brine	Helium	Nitrogen, Gaseous
Butane/Propane	Hydraulic Oil	Refrigerants
CO2	Inert Gases	Steam
Dilute Caustics	Kerosene	Water

RATINGS

NATIONAL SANITATION FOUNDATION (NSF):

NSF P-1 Registered (#121265). For use in Federally Inspected Meat and Poultry Plants.

U.S. MILITARY SPECIFICATIONS:

Meets or exceeds Federal Specification TT-S-1732.

UNIFORM PLUMBING CODE:

U.S. IAPMO File #1282.

BRITISH STANDARDS:

This product has satisfied test criteria as set forth in British Standard 6920: Part 2: 1998 and is UK WFBS listed. Test reports M101590 & MA2100/S. Test results are available upon request from METatron Technical Services

CERTIFIED RATINGS BY U.L. OF CANADA:

In respect of Fire Hazard, rated less than 10 below Paralin Oil. Flash Point, closed cup, in excess of 235°F (113°C). For sealing threaded connections at the following maximum pressures on pipes up to 3½ inch diameter:

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

PRODUCT CHARACTERISTICS

Fluid Type	Vegetable Oil
Color Appearance	Ivory/Beige Semi-Fluid
Dropping Point (ASTM D-2265)	Not Applicable
Specific Gravity	1.38
Density (lb/gal)	11.5
Oil Separation	Not Applicable
WT. % LOSS@ 212°F (100°C)	>235°F (113°C)
Flash Point (Seta Closed Cup)	84%
Nonvolatile Content	
Viscosity, Brookfield (ASTM D-2196)	
#7 Spindle, 5 rpm @ 77°F (25°C)	160,000-300,000 cps
Brushable to:	0°F (-18°C)
Copper Strip Corrosion (ASTM D-4048)	1A
Service Rating	500°F (260°C)
Natural Gas Pressure Test:	
15514 kPa (2250 psi), 10 days @ 73°F (23°C)	Pass
Pressure	to 10,000 psi Liquid to 2,000 psi Gases

LIMITED WARRANTY

Metatron Mfg, makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Metatron Mfg, 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 Metatron Mfg. 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 Metatron Mfg, shall not be liable for incidental or consequential damages.