

# EverSEAL™ 483

## pre-applied thread sealant with PTFE

### DESCRIPTION:

EverSeal 483 is an aqueous solution of polyurethane polymers fortified with mica, PTFE resin and polyolefin polymers to provide a crosslinked, impervious polymeric film to seal pipe and valve threads for use with a variety of gases and liquids.

### FEATURES & BENEFITS:

- Superior to other pre-applied sealants
- Prevents vibration loosening
- Does not plug up filters, valves, or gauges
- Seals pipes up to 2" NPT
- Low locking strength provides for disassembly
- No harmful solvents and no VOC's
- Inert to most industrial chemicals and hydrocarbons (gasoline, diesel fuel, etc.), most acids, chemicals, solvents, and gases.

### CERTIFICATIONS:

Certified for use with CPVC, PVC and ABS  
Material complies with NSF/ANSI 61 health effects requirements when tested at temperatures up to and including Commercial Hot (180°F)

### INDUSTRIES SERVED:

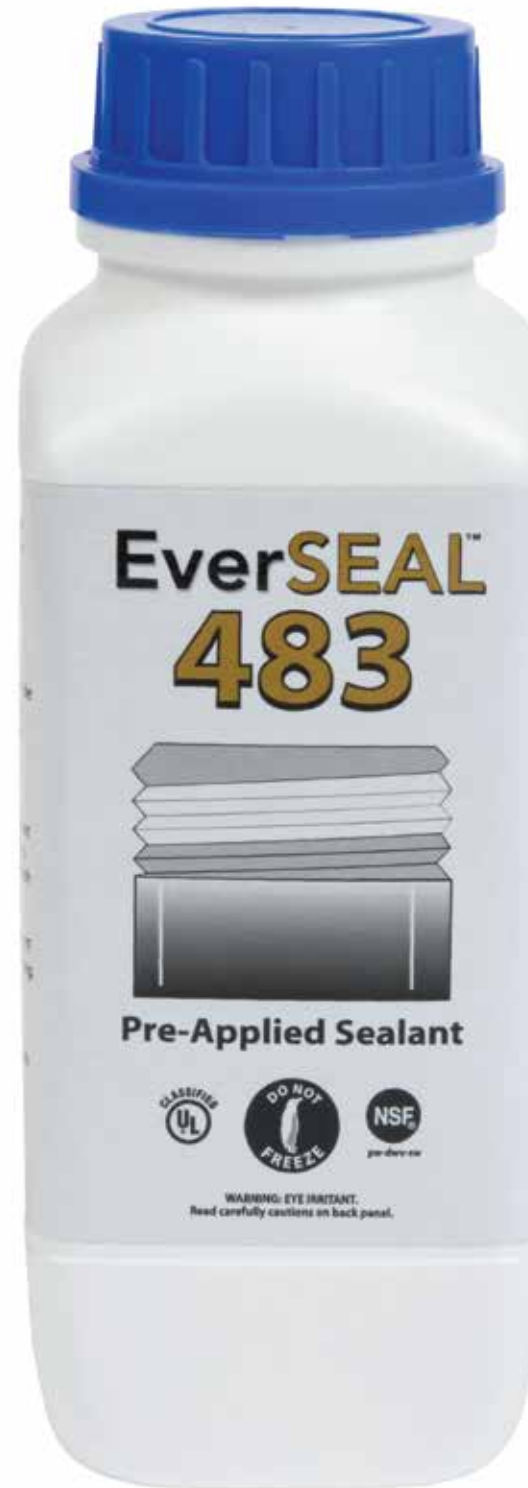
Potable Water Systems, Agriculture, Fire Protection, Automotive Components, Fluid Control, Semi Conductors.

### SUBSTRATES:

Most metal threads, steel, aluminum and brass. Ideal for fittings, pipes, valves, gauges, and connections in hydraulic, pneumatic, lubrication, steam, and refrigerant systems.

### TYPICAL USES:

Pre-applied liquid thread sealant is the water-based non-toxic thread sealant UL approved for air, nitrogen, water, propylene glycol and glycerol anti-freeze solutions. EverSeal 483 is also certified to NSF/ANSI standard 14 and material complies with NSF/ANSI 61 health effects requirements when tested at temperatures up to and including commercial hot (180°F).



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## PRODUCT DATA SHEET

### SAFETY:

Contains no lead, is non-toxic, not a skin sensitizer, non-corrosive, non-radioactive, non-explosive. See SDS for more information.

### AVAILABLE SIZES:

ES41 - 1 liter  
ES40 - 10 liter  
ES45 - 152 liter

### STORAGE: 60° to 80°F (15° - 27° C)

For best results and a longer shelf life, EverSeal 483 should be stored at moderate temperatures under 80°F. Do not return any unused material to the original container.

### PREPARATION:

Everseal 483 may thicken and/or appear to separate. Stirring or shaking the sealant will restore it to its original consistency. Everseal 483 should not be exposed to continuous open air and should be transferred into an air-tight vessel once mixed.

Parts to be coated with Everseal 483 must be completely clean and free of thread cutting oils, parts washing chemicals, or other residues.

### APPLICATION:

EverSeal 483 should be applied 1-2 threads back from the end and a minimum of 3 middle threads.

The sealant should be applied from the root of the threads out to the crown and allowed to dry back.

Take care not to apply too much sealant and never apply additional sealant over non-cured sealant.

### CLEAN UP:

Tub O'Towels, hot soap & water, or alcohol.

### TYPICAL PROPERTIES:

Temperature Range	-65°F - 300°F (-54° +149°C)
Pressure Range	To 10,000 psi ½" NPT To 3,000 psi 2" NPT
Flash Point	over 200°F (93°C)
Specific Gravity	1.05 (9/cc) 35,000 -
Viscosity Range	35,000 - 55,000 cps
Color	White to off white
Speed of cure (70°F 50% RH)	Dry to touch - 1 hr Full - 24 hrs Force - 20 min @ 120°F
Shelf Life	1 Year
ROHS	Compliant



### Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that users pretest their application prior to incorporating the product into use and assume that the user will conduct such testing. Also see warranty statement on our website. [www.eversealants.com](http://www.eversealants.com)

*This product is not recommended for use in an oxygen system and not as a sealant for chlorine or other strong oxidizing materials. Read all information on labels and Safety Data Sheets prior to use. All products should be tested and evaluated for a particular purpose prior to use.*

*The information presented is in good faith, but results are not guaranteed. Federal Process has no control physical conditions surrounding application conditions. Federal Process disclaims any liability for untoward results.*