TECHNICAL DATA SHEET

TECTORIUS® TEC-BOND® 261

Water Based Pre-Applied Fastener Adhesive

DESCRIPTION:

Tectorius Tec-Bond® 261 is a unique water-based thread adhesive that directly replaces traditional solvent-based chemistry. It has been designed specifically to transition long proven reliable epoxy performance into state of the art, environmentally friendly chemistry. The combination of a solvent free, REACH and RoHS compliant composition with tight physical performance character makes it the perfect match for progressive, global manufacturing.

The properties built into Tec-Bond 261 address many shortcomings of past generation competitors, including Tec-Bond 261's resistance to humidity and extended storage.

Tec-Bond thread adhesives are microencapsulated, room-temperature curing adhesives that bond threaded fasteners in place. Pre-applied fastener adhesives are designed to be coated on the fasteners in bulk at Tectorius service centers ready for future assembly. In any application, Tec-Bond will remain dormant until the shearing action of installing the fastener breaks the specialized microcapsules and triggers the adhesive to react.

Tec-Bond 261 is available in two grades:

- **Tec-Bond 261-IN** is suited for general-purpose use.
- **Tec-Bond 261-PR** was developed with precision assemblies in mind where performance on titanium, stainless steel, special alloys, or plastics is needed.

PHYSICAL PROPERTIES:	
Recommended Performance Temperatures	-40 to 175° C
Primary Usage	All types of threaded fasteners
Liquid Shelf Life	6 months
On Part Shelf Life	1 year or more from application date
Material Type	Epoxy Chemistry
Medium	Water-based formula– low odor
Appearance	Standard Color: Orange Specialty Colors: Neutral, Yellow, Red and Green
Viscosity	200-1000 cPs
Character	Low viscosity liquid- cures to surface as a dry, thick, ductile deposit
May Be Used To Replace	3M® 2510

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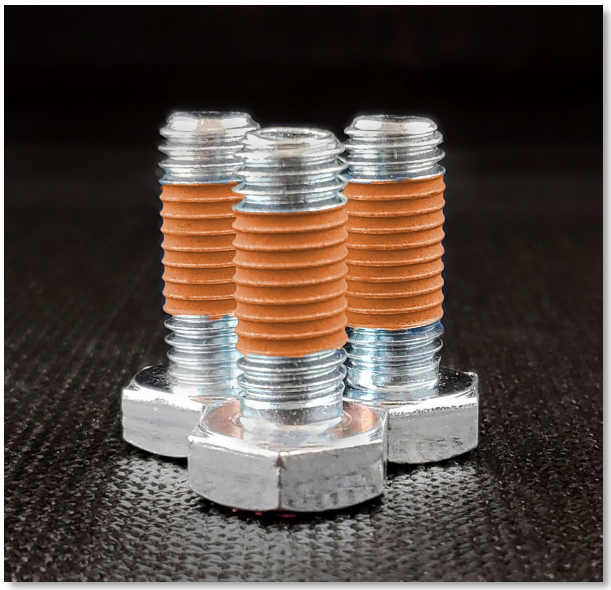
Pre-Applied Fastener Adhesive

PERFORMANCE, ADVANTAGES, AND BENEFITS

Product Features	Performance Advantages	Customer Benefits
Epoxy Chemistry	• Reliable high torque values with prevailing torque retention. Highly resistant to heat, automotive fluids, vibration, thermal and mechanical shock	Robust, enduring, structural bonding performance
Advanced Microencapsulation Technology	• Extended shelf life • Reaction initiation at installation • Reusability	Convenient Dry to the touch, Zero effort use
Flow-on coating	• Allows controlled application of fasteners; viscosity can be adjusted to achieve target coating weights • Bonds to most fastener finishes	Highly versatile No hazard application



Tectorius products are proudly made in the USA.

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