



TECTORIUS™ TEC-U-SEAL™

Thread Sealant & Gasketing

DESCRIPTION:

Tec-U-Seal™ pre-applied fastener sealant is a unique resin matrix sealing and seating material for under head encapsulation. Specifically designed to flow and adhere to most ferrous metals and smooth surfaces, the series is a low-cost and effective alternative to o-ring seals, injection molded seals, and die-cut gaskets. Tec-U-Seal products are applied directly to the fastener, washer, pin, bezel, rivet, clip or other component and cured in place. Product use:

- » Reduces vibration
- » Controls noise
- » Seals
- » Fills gaps
- » Masks
- » Identifies
- » Insulates
- » Trims

Tec-U-Seal works by compression seating. The material absorbs shock, movement and temperature cycling of thermal expansion between parts, allowing its elastomeric nature to minimize movement and resist loss of seating and sealing ability in stressed situations.

Formulas are available that adhere securely to most substrates or surfaces. This property eliminates misalignment and displacement issues associated with traditional seals.

Specific formulations of Tec-U-Seal™ meet or exceed the performance requirements of the following standards:

AUTOMOTIVE:

- Chrysler: MS-DC543
- Ford: ESB-M4G70-A or C
- General Motors: GM1131 Type D, GM6086M Type IIIB

PRODUCT FEATURES:

- » **Unaffected by automotive fluids:** This family of materials include grades that resist and seal against most automotive fluids including oil, water, antifreeze, and gasoline.
- » **Variety of Colors & Softness:** Available in a variety of colors (for easy part inspection), durometers, and properties to fit the desired application. Custom colors are also available.
- » **High Temperature & Self Adhesive Formulas:** Tec-U-Seal includes grades that are specifically intended for use in high temperature environments or in applications where a tacky surface will assist in component positioning for final assembly.
- » **Saves Money:** Tec-U-Seal saves valuable time and is less expensive than applying bottled, die cut or molded sealing elements at the point of assembly.
- » **Resistant:** Tec-U-Seal has excellent chemical and environmental resistance. It is advisable to store in dry, clean conditions.



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AVAILABLE GRADES:

Tec-U-Seal 589
Tec-U-Seal 590
Tec-U-Seal 591
Tec-U-Seal 592
Tec-U-Seal 593

SPECIFICATIONS:

Primary Usage	Sealing & gasketing
Material	PVC, closed cell, available in virtually any durometer, hard or soft
Color	Available in any color
Solvent Resistant	Compatible with most common solvents