



TECTORIUS™ TEC-SEAL™

Pre-Applied Thread Sealant

DESCRIPTION:

Tec-Seal™ is a durable, resilient sealant product line for fasteners and components with straight or tapered threads. Tec-Seal thread sealants form an elastic, form-fitting gasket directly in the threads that prevents the passage of most fluids and helps keep joints tight, even under severe vibration.

As with all other Tectorius pre-applied products, Tec-Seal can be applied directly onto your parts and fasteners at any of our licensed applicators around the globe. Tec-Seal products are available in a variety of grades. Most Tec-Seal thread sealants are available in bulk for automated application and also in bottle form for lower volume jobs.

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

AUTOMOTIVE:

- Ford: WSK-M4G328-A1 thru A6, EST-M4G208-B2, ES-379570-S100, WX-201, WSS-M18P12-A
- General Motors: 9985490, 9985473
- Chrysler: MS-CD914, MS-CD16
- Volvo: 1262.2

OEM:

- MACK 023GS17002, 3/6AXS7, 64AMS1, 617GS135
- John Deere RES 10059
- Detroit Diesel Allison TPS 12635, 80K14, 80K15, 9S317, 9S421
- Bendix BW-317-P
- Meritor (Rockwell) Q-56
- Briggs & Stratton: GM Type A, GM Type AA
- Index Controls: 4014004
- Dana: PS-5040, MS-71

PRODUCT FEATURES:

- » **Low installation torque:** This friction-diminishing formula assembles easily with common hand tools.
- » **Multiple reuses:** Parts coated with Tec-Seal can be easily readjusted, removed, and reused.
- » **Chemical resistance:** Tec-Seal protects against corrosion by salt, chlorine, acids, and alkalis. It effectively resists natural gas, butane, propane, motor fluids, and chemical solvents.
- » **Long shelf life:** After application, Tec-Seal remains unaffected by extended storage.
- » **Saves money:** Tec-Seal can be pre-applied to virtually any configuration or quantity of parts.
- » **Resists vibration, remains elastic:** Though Tec-Seal is used to seal fasteners, it also helps to lock threads by resisting vibration. It is highly resistant to thermal shock and remains elastic through a wide range of temperatures.
- » **Safe:** Non-hazardous and non-flammable.
- » **User-applied:** Tec-Seal is available in many grades for use on a cable applicator, flow coater, or tumbling system.





TECTORIUS™ TEC-SEAL™

Pre-Applied Thread Sealant

APPLICATIONS:

Tec-Seal has been formulated to instantly seal both tapered and straight threads against most fluids, gases, fuels, and lubricants. Tec-Seal is used in a broad range of sealing and locking applications, including:

- » filler plugs
- » sensors and gauges
- » flange nuts
- » head bolts
- » cable connectors
- » pipe fittings and plugs
- » screws for plastic assembly
- » hydraulic fittings

AVAILABLE GRADES:

Available Grades	Color	Texture	Low Viscosity (cPS)	High Viscosity (cPs)	Competitor Equivalent
PC-5	Neutral	Soft	800-2000	25000-40000	PRECOTE® 5
503	Gray	Hard	4000-10000	25000-40000	Loctite® Vibra-Seal® 503
506	Light blue	Medium	1500-4000	25000-40000	Vibra-Seal 506
513	Neutral	Soft	400-2000	25000-40000	Vibra-Seal 513
516	Burnt red	Hard	4000-10000	25000-40000	Vibra-Seal 516
517	Burnt red	Hard	4000-10000	25000-40000	Vibra-Seal 517
583*	Neutral	Hard	N/A	35000-50000	EverSeal™ 483
4291	Neutral	Soft	400-1200	N/A	3M® 4291

PRECOTE® is a registered trademark of Germany omniTECHNIK
 Vibra-Seal® and Loctite® are registered trademarks of Loctite Corp.
 3M® is a registered trademark of the Minnesota Mining & Manufacturing Co.
 EverSeal™ is a trademark of Federal Process Corporation
 *Has not been UL evaluated.