



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.



*The information provided is based on technical data that Tectorius believes to be reliable. Since we cannot anticipate or control the various conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. Therefore, the product is sold without warranty expressed or implied.

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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
P-5	Neutral	Soft	800-2000	25000-40000	PRECOTE® 5
503	Gray/White	Hard	1000-4000	12000-40000	Loctite® Vibra-Seal® 503
504	Neutral	Medium	1000-4000	12000-40000	Hybrid
506	Light blue	Medium	1500-4000	12000-40000	Vibra-Seal 506
513	Neutral	Soft	400-2000	12000-40000	Vibra-Seal 513
516	Burnt red	Hard	N/A	12000-40000	Vibra-Seal 516
517	Burnt red	Hard	1000-4000	N/A	Vibra-Seal 517
583*	Neutral	Hard	1000-4000	12000-50000	EverSeal™ 483
4291	Ivory	Soft	400-2000	10000-25000	3M® 4291

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