TECTORIUS® TEC-LOK™ 130 SERIES

High-Temperature Patch

DESCRIPTION:

The Tectorius Tec-Lok family of products includes a high temperature patch locking feature line. Nylon patch is a process-applied deposit of nylon to the threaded portion of a fastener that prevents unintended loosening.

This non-reactive type of thread locker is intended for parts that need to remain serviceable and removable, while also being resistant to most motor fluids, solvents and harsh environments., even at extreme temperatures.

Tectorius offers a wide range of color options to easily identify your company, customer, or distinguish a particular part size or type.

Tec-Lok is a highly engineered formula that provides all of the traditional features of nylon patch, yet is stable at 700°. The position and length of patch is variable to suit your requirements.

PRODUCT FEATURES:

» **Flexible Coverage:** Tec-Lok nylon patch allows for 90-360˚ coverage around the part.

» **Reliable Lock:** A more secure thread lock results from a 360˚ application.

» **Resists and Seals:** Excellent chemical and corrosion resistance.

» **Heat Resistance:** Up to 700° F (371° C)

» **Stability:** Outstanding color stability

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

AUTOMOTIVE:

- **Chrysler: PF-5144, PF-5461, PF-6157, PF-6158**
- **Ford: ES-382101-S100, ES-378813-S100, ES-N800688-S100, WA970, ES-21002-S100**
- **General Motors: GM6189P**

INDUSTRIAL FASTENER INSTITUTE:

- **IFI 100, IFI 124, IFI 524, DIN 267 Part 28**

U.S. MILITARY:

- **MIL-N-25027, MIL-F-18240E, MIL-DTL-18240F**

OEM:

- **Detroit Diesel 9S240, Eaton 205372, Meritor (Rockwell) Q-70, New Process Gear PS 616**

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High Temperature Patch

AVAILABLE GRADES:

Grade Number	Color	Viscosity	Pre-Cured State
130	Yellow		Liquid
131	Green		Liquid
132	Blue		Liquid
133	Red		Liquid
134	Black		Liquid
135	Yellow	N/A	High Temp Patch
136	Green	N/A	High Temp Patch
137	Blue	N/A	High Temp Patch
138	Red	N/A	High Temp Patch
139	Black	N/A	High Temp Patch

SPECIFICATIONS:

Operational Temperatures	-56˚ to 371˚C (-70˚ to 700˚F)
Material	Proprietary Polymer Formula
Primary Usage	Lock and seal
Shelf Life	Indefinite on-part shelf life under ideal storage conditions [4 to 32ºC (40 to 90ºF)]. Recertification required once per year.
Reusability	Up to 15 on-off cycles
Hardness	Shore D (ASTM D2240) 70-80 Durometer
Dielectric Strength	(ASTM D149 short time) 800-1200 volts/mil @10.0 mils (varies with color)
Taber Abrasion	(ASTM D4060) 10-18 mg loss CS-10 wheel, 1000g load, 1000 cycles (varies with color)
Direct Impact Resistance	(MPTM 0002) 160 in. lbs. @ 10.0 mils
Salt Spray Resistance	(ASTM B117) 1000+ hours (X Scribe)

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