

## 密封和锁定

Epoxy-Lock是一个强大的、防松和密封、工厂预涂的螺纹胶,可以应用于各种尺寸的螺纹紧固件和配置。



紧固件的螺纹上涂有两个分离的树脂和硬化剂材料且在保护层下,使紧固件不沾黏。当此涂布之紧固件和对锁件组装时Epoxy-Lock产生反应。组装的力量粉碎了表面的保护层,把两个环氧树脂组件混合,并产生一个化学反应将两零件锁紧。

组装后的几分钟内,Epoxy-Lock表面之间形成一个链结只能用扳手可打破。12小时后,Epoxy-Lock优于大多数尼龙胶的首次旋出扭矩。24小时后,Epoxy-Lock可达到80%的固化程度。安装后72小时完全固化。

## 特点:

**不需要前导牙:** Epoxy-Lock是柔软的材料,不会导致锁入困难。

**杰出的防松能力:** 广泛的测试证明Epoxy-Lock提供两到四倍比传统的“塑胶”防松装置。

**多用途:** Epoxy-Lock兼容所有的材料,包括塑胶、大多数表面电镀。

**长保质期:** 涂布Epoxy-Lock紧固件仍然是惰性,直到锁入对锁件固化才开始进行。

**不受外来物质影响:** 再完全固化后石油、汽油、盐喷、酸、溶剂、水、和空气几乎不会影响Epoxy-Lock。Epoxy-Lock的交错的分子结构使其耐溶剂。

**省钱:** Epoxy-Lock比组装在线使用瓶装快干产品便宜。不需要昂贵的锁紧垫圈,开口销或锁紧螺帽。



## 规格满足:

### AUTOMOTIVE:

- Chrysler: PF-6616, MS-CC-76
- Ford: ES-20007-S100, ES-20010-S100, ESS-M11P24-A1 & ESS-M11P24-A2
- General Motors: GM6175M, GM6194M

### INDUSTRIAL FASTENER INSTITUTE:

- IFI 125, IFI 525

### OEM:

- Detroit Diesel: 9S283, 80K15, ES15-230
- Delphi: DX520402, 520403
- Meritor (Rockwell): Q-43, Q-29
- Caterpillar: 1E2486
- Outboard Marine: 1767

## 规格:

Primary Usage	Heavy duty lock
Reusability	Limited
Breakaway Torque	Exceeds IFI 125 & IFI 525
Prevailing	Exceeds IFI 125 & IFI 525
Engagement	Minimal
Temperature range	-65° F to +392° F (-54° C to +200° C)
Typical coating length	1.5 times thread diameter
Cure time	72 hours at room temperature (Reduced at elevated temp.)
Lead thread requirement	None
Coating projection over threads	None
Resin system	Curing resin
Standard color	Orange (Blue and yellow available by request.)
Storage life of parts (before use)	2 years (extreme storage conditions affect shelf life)
Compare to	3M* Scotch-Grip*, Loctite** Dri-Loc**, PRECOTE 80***

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