

# NYTEMP®

The next generation of high temperature, self-locking fasteners for environments up to 450°F (232° C).



Orange-colored **NYTEMP®** is the most advanced high-temperature self-locking patch material available in the fastener industry.

It features:

- Torque and clamp load stability up to 450° F (232° C), more than any other patch material available today
- Meets NASA's low outgassing requirements
- Patch-type non-metallic locking element - eliminates the need for metal removal that can reduce fastener strength and performance
- Vibration resistant: MIL-STD-1312 #7
- Temperature range: -70° F to (-50° C) to 450° F (232° C)
- Variable patch length and location
- 180° (std) or 360° (optional) radial coverage
- Patch can be applied to both internal and external thread fasteners of all types: nuts, screws, bolts, studs and specials
- Features the industry's highest reusability: 15 cycles
- Can be tailored to your application



## INNOVATION & NYTEMP.

Innovation is simply Nylok's way of developing new products that solve challenges our customers are facing.

When customers like the military and NASA asked for a locking element that would meet their toughest standards and deliver world-class performance in temperatures up to 450°F, Nylok engineers developed **NYTEMP®**

**NYTEMP®** frees designers from the 250°F maximum of traditional materials. It allows them to use self-locking fasteners with multiple cycle reuse capabilities in areas never before possible. It's compatible with aerospace and defense fastener alloys such as A286, INCO®718 and CRES300 series.

That's innovation, Nylok style!

## If it's new, it's Nylok.

As with most Nylok products, NYTEMP was created to satisfy a specific need.

The high-temperature resistant self-locking patch is one of an ever-growing number of Nylok patents and patent applications for products, processes and equipment which continues to lead the field of fastener technology.



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**NYTEMP** meets and exceeds these key government and industry specifications:

COMPANY NAME	SPECIFICATIONS
DETROIT DIESEL	TES-113
IFI	IFI-124
IFI	IFI-524
IFI	IFI-100/107
ANSI	B.18.16.1M
MILITARY	MIL-DTL-18240F
MILITARY	MIL-QPL-18240
NASA	SP-R-0022A

Pass or exceeds NASA outgassing with the following results.  
TML=.02% VCM=.0%  
WVR=.02%

Recommendations from Nylok engineers have saved customers thousands of dollars. Many companies have experienced the value of working with us early in the design stage.

How much time and/or money can our kind of innovation save you? Why not find out for yourself by calling us in on your next project?

The earlier, the better.

