

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 450°F (-50°C to 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



INNYVATION & NYTEMP.

Innyvation 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 innyvation, 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.



586.786.0100 Fax 586.786.0598
15260 Hallmark Drive, Macomb, MI 48042

www.nylok.com

NYTEMP meets and exceeds these key government and industry specifications:

COMPANY NAME	SPECIFICATIONS
Detroit Diesel	TES-113
IFI	124
IFI	524
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 innvation save you? Why not find out for yourself by calling us in on your next project?

The earlier, the better.

