NYTEMP®
Prevailing Torque High Temp Locking Patch

NYTEMP® self-locking patch is comprised of high temperature polymer permanently bonded onto the threads of a fastener. When the NYTEMP® patch is engaged, it creates a wedge between the fastener and mating part, compressing the polymer and creating metal to metal contact opposite the patch. This metal to metal contact results in a positive resistance to vibration and loosening. Since this polymer has great memory characteristics, the locking element can be reused several times.

Technical Data – NYTEMP® Patch
- Color – orange (special colors available upon request)
- Dry Wedge – immediate locking
- Temperature Range -50°C (-70°F) to +232°C (+450°F)
- Shelf-Life indefinite

Typical Performance Results (M10 plain finish – IFI 524)
- Prevailing-On Torque 5.0 – 10.0 Nm
- First Removal Prevailing-Off Torque (without preload) min. 2.5 – 5.0 Nm
- Fifth Removal Prevailing-Off Torque min. 1.8 – 2.8 Nm

Advantages
- Reusable/adjustable
- Exceptional vibration resistance; Meets MIL-STD 1312-Rev. 7
- Resistant to lubricants, fuel, hydraulic fluids and most commercial solvents
- Can be applied to any size or thread configuration of a fastener
- Bonds to a broad range of fastener finishes

INNYVATION™

Every fastening task comes with its own set of challenges – locking, sealing, high temperatures, thread contamination or any combination of these. When these challenges slow product development of the design process, Nylok engineers provide INNYVATION™ services – the knowledge and resources to uncover solutions that balance cost, manufacturability and environmental concerns.

As a supply chain partner, Nylok products serve a global network of customers in a diverse range of industries – automotive, aerospace/defense, heavy machinery/truck, electronics, weaponry and specialty applications. Nylok solves fastener problems from NASA applications to the small home appliance industry, processing more than 10 billion parts per year – the global leader in fastener processing.
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Advantages (continued)
• Complies with or exceeds IFI, DIN, Military and major OEM specifications
• Provides a seal for threads
• Parts are ready for assembly
• Precise thread coverage in every part
• Can be applied on external and internal threaded fasteners
• Is not affected by high humidity conditions
• Environmentally friendly/non-toxic
• 180° (standard) or 360° (optional) radial coverage
• Torque can be adjusted to meet specific applications
• Cost effective
• No metal removal to reduce fastener strength or performance
• Meets NASA low out gassing requirements
• Reduces FOD and Creep in aerospace applications

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<th>COMPANY NAME</th>
<th>SPECIFICATIONS</th>
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<tr>
<td>GM</td>
<td>GM6189P+High Temp GMW16722</td>
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