

NYLOK® AEROSPACE

AEROSPACE INNOVATION™...

How much
time and
money can
Nylok® save
you?

ACCREDITATIONS

- ISO 9001:2008 Certified
- QPL – 18240
- QSLM Approved

SPECIFICATIONS

- MIL-DTL-18240
- MIL-F-18240
- IFI 124
- IFI 524
- NASM25027

CUSTOMERS SERVED

- Boeing
- Airbus
- SpaceX
- Lockheed Martin
- United Technologies (UTC)
- GE
- Raytheon
- Rolls Royce
- ATK Thiokol
- NASA
- JPL
- US Government

INDUSTRY ASSOCIATIONS

- Society of Automotive Engineers for Aerospace

STANDARD FASTENER SERIES

- NAS662
- NAS1801
- NAS1189 – NAS1191
- NAS1351 & NAS1352
- NAS1635
- NAS1741 – NAS1743
- NAS1161-1168
- NAS1171-1178
- NAS1181-1188
- NAS1223-1228
- MS16995-16998
- MS18063-18068
- MS21090-21097
- MS21262
- MS21295
- MS51021
- MS51023
- MS51029
- MS51031
- MS51038
- MS51865
- MS51963-MS51966
- M45932/2
- All NK, NKS, NPS, LP, LL, NKN part numbers



Applied the World Over

Whether you need a fastener that can stand up to extreme vibration, extreme temperatures or the harsh operating environments associated with many aerospace applications, Nylok® has the solution.

INNOVATION™



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nylokinventory.com

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3M/P22/0507



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For 65 years, Nylok® has designed and engineered patented solutions for the fastener industry.

Nylok® products have been used to improve quality and reliability on a wide variety of applications including military and commercial aircraft and the space shuttle. How far can Nylok® INNOVATION™ help take the quality and reliability of your products?

SELF-LOCKING

NYLOK® Blue® Patch™/TUF-LOK®

Our patented self-locking element is a permanently bonded patch sprayed onto any internal or external threaded fastener. When mating threads engage, the tough resilient patch creates a counterforce and establishes a strong metal to metal contact resisting vibration. Temperature range -70 to 250°F (-57 to 121°C).



Nytemp®

Our next generation self-locking patch having all the qualities of our NYLOK® Blue® Patch™ but with the additional capabilities of operating in a greater range of temperature while having extremely low outgassing characteristics. These features make Nytemp® excellent for use in space, avionics, electrical and clean-room applications. Temperature range -70 to 450°F (-57 to 232°C).



NYLOK® Blue® Pellet & Torq-Strip®

Durable self-locking mechanism embedded into external or internal threaded fasteners. Temperature range -70 to 250°F (-57 to 121°C). Can substitute with Vespel® or Kel-F™ for higher temperatures.



Torq-Patch® LockNut

Allows for shorter bolt, ideal for aerospace where weight is critical. Assembled from either side. Temperature range is -70 to 250°F (-57 to 121°C). Can use Nytemp® for anti-galling and higher temperatures.



LUBRICANT & ANTI-GALLING

Nytorq®

Ideal for reducing torque at installation. Can be coupled with our self locking products. Excellent alternative to dry film lube for stainless products. Temperature range is -58 to 158°F (-50 to 70°C).



Nyplate®

Anti-seize dry film lubricant to prevent galling and provide easy disassembly even after very high temperature exposure of 1292°F (700°C). Ideal for non ferrous hardware, especially stainless steel fasteners.



SEALING

Nyseal®

Creates a gasket type seal preventing leakage of fluids and gases under high pressure. Eliminates time consuming in house applications of gaskets, sealing washer, o-rings and sealant compounds. Prevents galvanic corrosion between dissimilar materials. Does not shrink or dry out and resistant to jet fuel, oils and hydraulic fluids. Can be used with flush head fasteners. Temperature range is -40 to 150°F (-40 to 66°C).



Nyplas®

Plastisol PVC material coating can be used as a noise dampener and to seal against water, moisture, dust and air. Temperature range is -40 to 300°F (-40 to 149°C).



Nylok® has the solution.

Product Capabilities at a Glance	Nylok® Blue Patch™	Tuf-Lok®	Nytemp®	Nylok® Pellet / Torq-Strip®	Torq-Patch® Locknut	Nytorq®	Nyplate®	Nyseal®	Nyplas®	Nystay®	Nycote®
Adjustable	●	●	●	●	●						●
Anti Sieze & Galling						●	●				●
Calibrating	●	●	●	●	●						
Compatible With All Alloys	●	●	●	●	●	●	●	●	●	●	●
Cost Effective	●	●	●	●	●	●	●	●	●	●	●
Cure Time - Instant	●	●	●	●	●	●	●	●	●	●	●
Cushion / Vibration Dampening	●	●	●	●	●			●	●	●	
Electrical Insulation Buffer	●	●									●
Electrostatic Adhesion Prevention											●
Fuel, Fluid & Atmosphere Resistant	●	●	●	●	●		●	●			●
Galvanic Corrosion Prevention	●	●	●		●			●	●		●
High Temperature			●				●				
Locking - Chemical											
Locking - Mechanical	●	●	●	●	●						
Low Outgassing			●								
Lubricates						●	●				●
Marking / Scoring Prevention								●	●		
Masking / Thread Protection											●
Noise Dampening	●	●	●		●			●	●	●	
Non Toxic	●	●	●	●	●	●	●	●	●	●	●
Retention Aid										●	
Reusable	●	●	●	●	●	●	●	●	●	●	
Sealing	●	●	●	●	●			●	●	●	
Temporary Holding & Joining	●	●	●	●	●					●	
Torque / Tension Control (+ / -)						●	●				●
Vibration Resistant	●	●	●	●	●			●	●	●	
Weld Spatter Masking											●
Unlimited Shelf Life	●	●	●	●	●	●		●	●	●	●

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