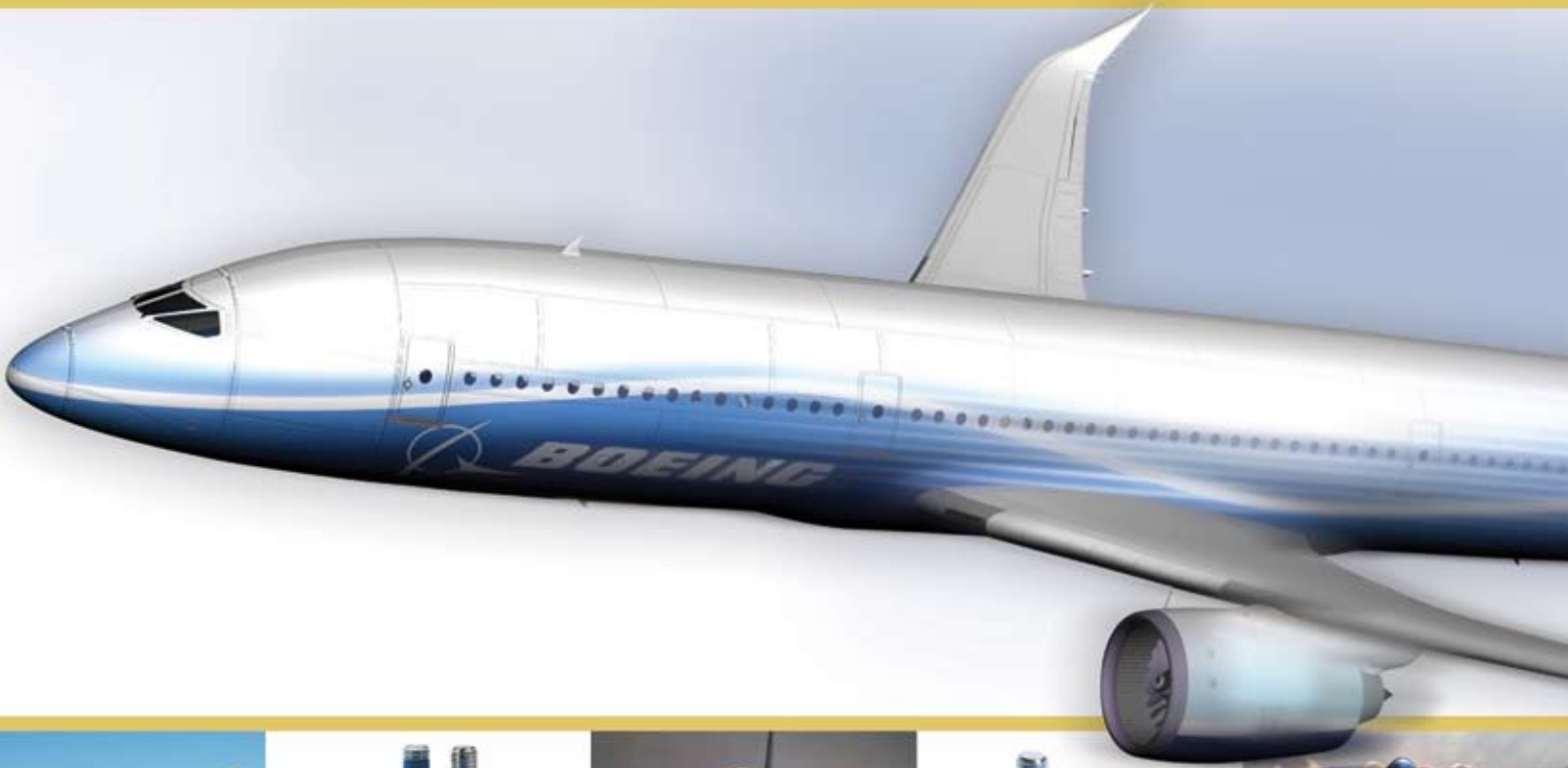


NYLOK AEROSPACE



INNOVATION™ 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.



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).

PRECOTE 5®

Pre applied thread sealant with instant cure time. Can be used with all metallic surfaces and plastic materials. Temperature range is -56 to 355°F (-49 to 179°C) for air and -56 to 300°F (-49 to 149°C) for fluid.



CHEMICAL LOCKING ADHESIVES

PRECOTE 30®

A medium strength micro encapsulated thread locking material with low installation torque. Temperature range is -58 to 300°F (-50 to 149°C).

PRECOTE 80®

Like our Precote 30 but with higher strength thread locking capability and heat resistance. Temperature range is -58 to 390°F (-50 to 199°C).

PRECOTE 85™

Like our other Precote products, Precote 85 has high strength thread coating that offers premium controlled torque-tension and an extremely low coefficient of friction. Temperature range is -58 to 340°F (-50 to 171°C).

Shelf life for Precote products is four years at room temperature.



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®	PRECOTE 5®	PRECOTE 30®	PRECOTE 80®	PRECOTE 85™	NYSTAY®	NYCOTE®
Adjustable	●	●	●	●	●										
Anti Sieze & Galling						●	●								●
Bonding											●	●	●		
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	●	●	●	●	●	●		●	●						●

NYTEMP, NYSEAL, NYPLAS, NYTORQ, NYPLATE, TORQ-PATCH, and TORQ-STRIP are trademarks of Nylok Corporation.
 TUF-LOK® is registered trademark of Nylok Corporation in Europe.
 PRECOTE® is a registered trademark of omniTECHNIK.

Aerospace INNYVATION ...

How much time and/or money can Nylok save you?



ACCREDITATIONS

- ISO 9001:2000 Certified
- QPL – 18240
- QSLM Approved

SPECIFICATIONS

- MIL-DTL-18240
- MIL-F-18240
- MIL-F-8961
- IFI 124
- IFI 125
- IFI 524
- IFI 525
- NASM25027

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

CUSTOMERS SERVED

- Boeing
- Lockheed Martin
- Pratt Whitney Canada & East Hartford, CT
- Rolls Royce
- ATK Thiokol
- NASA
- JPL
- US Government

INDUSTRY ASSOCIATIONS

- Industrial Fastener Institute
- National Aerospace Standards Committee
- Society of Automotive Engineers for Aerospace
- Aerospace Industries Association

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