



Under-the-Head Sealants

Nylok sealant coatings are applied under the heads of fasteners eliminating the need to assemble 'O' rings or gaskets, thus increasing production rates.

Sealant Products

Nyseal®

Green material used to seal against hydraulic fluids, oils, gasoline, water, moisture, vapors, etc. Temperature range -40°C (-40°F) to +66°C (+150°F).



Nyplas®

Black liquid PVC material used to seal against water, moisture, air and dust. Also used for noise dampening and as an insulator. Temperature range -40°C (-40°F) to +150°C (+300°F).



Precote® 200

A blue polyurethane material used to seal against water, moisture, air and dust. Temperature range -40°C (-40°F) to +100°C (+212°F).



Thread Sealants

Precote® 5

Water-based white sealant providing excellent resistance against air, motor oil, gear oil, glycol/water 50-50, tap water, brake fluid, gasoline and diesel fuel. Temperature range -60°C (-76°F) to +160°C (+350°F).

3M™ Thread Sealant 4291

Water-based white sealant resistant to automotive fluids. (3M is a Trademark of 3M Company)

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A Marmon/Berkshire Hathaway Company



From Nylok® INNOVATION™ comes a full line of products designed to make the products you make better.

INTRODUCING



NyShield™, Nylok's newest product solves galvanic corrosion issues that typically occur when steel fasteners are used to join dissimilar materials. OEMs are increasing the use of lightweight materials in order to meet challenging efficiency requirements which create joints at risk for galvanic corrosion.

NyShield™ is an effective solution for galvanic and standard corrosion issues on a variety of substrates (stainless steel, aluminum, chromium, etc.) thereby helping customers meet 15 year field life requirements.



The GLOBAL LEADER
in fastener processing.



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Mechanical Locking and Thread Sealing Products

Nylok mechanical locking and thread sealing products are a cost-effective self-locking element comprised of nylon permanently bonded onto the threads of a fastener, resulting in a positive resistance to vibration and loosening.

These products are also reusable up to 5 times for applications needing service.

Nylok® Blue® Nylon Torq-Patch®

For external threaded fasteners, temperatures up to 250°F (121°C).

Nylok® Blue® Nylon Pellet / Strip

For internal and external threaded fasteners, temperatures up to 250°F (121°C).

Nylok® Torq-Patch® Locknut

For internal threaded fasteners, temperatures up to 250°F (121°C).

Nylok® HD

The most advanced self-locking product for internal and external threaded fasteners subjected to extreme vibration and/or a long rundown. Designed for complex applications where reusability greater than 5 times is required.

Temperature range -56°C (-70°F) to +121°C (+250°F).

Nytemp®

A high-temperature, self-locking patch for internal and external threaded fasteners. Withstands temperatures up to 450°F (232°C).



Fastener Adhesives for Thread Locking and Sealing

Adhesives

Precote® and 3M™ fastener adhesives are microencapsulated, assembly-activated thread lockers. After the appropriate curing time, the fastener is locked in place keeping its clamp load for the life of the assembly.

There are several grades of thread adhesives for a variety of applications.

Precote® 19-2

For medium strength on sizes #10 (M5) and smaller and temperatures up to 200°F (90°C).

Precote® 30

For medium strength and temperatures up to 300°F (150°C).

Precote® 80

For high strength and temperatures up to 340°F / 392°F (170°C / 200°C).

Precote® 85

For high strength and temperatures up to 340°F / 392°F (170°C / 200°C) and low friction and joints with tight COF tolerances.

3M™ Fastener Adhesive 2353

For high strength temperatures up to 240°F (115°C).

3M™ Fastener Adhesive 2510

For high strength temperatures up to 300°F (150°C).

Precote® is a registered trademark of omniTECHNIK.
3M is a trademark of 3M Company.



Thread Protection and Masking

Nycote® / Nycote Plus™

Thread masking that prevents materials from adhering to the threads, resulting in increased installation torque.

These coatings eliminate expensive manual masking preparations, re-tapping, and thread cleaning needed after painting or e-coating, adheres to the threads resulting in increased installation torque.

Main applications: weld studs, weld nuts and self-clinching fasteners.

Galvanic Corrosion Prevention

NyShield™



NyShield™ is effective in preventing galvanic corrosion between steel fasteners and the most extreme lightweight materials — which include both magnesium and carbon fiber. NyShield™ is applied very uniformly to the steel fastener surfaces that contact the dissimilar materials, and shields / protects the least noble material. This product has very low tension loss, even up to 150°C, and also has effective chemical resistance and adheres to most substrates.



Assembly Retention Coating

Nystay®

An expandable polymer material that is applied to threaded and unthreaded fasteners to temporarily hold parts in place during assembly. Nystay® eliminates expensive labor-intensive retainers, plastic washers, rings and clips, improving productivity of assembly lines. Temperature range -40°C (-40°F) to +66°C (+150°F).

Nytab®

A non-metallic, temporary retention element which can be applied to the internal bores of fastener products such as collars, bushings and flat washers.



Lubricant Products

Nytorq®

A pre-applied, dry-to-the-touch lubricant used to reduce initial installation torque, especially on thread forming screws. Nytorq® can also prevent galling in stainless steel assemblies. Temperature range -70°C (-94°F) to +120°C (+248°F).

Nyplate®

The preferred pre-applied, anti-seize coating for aerospace, automotive and many other industries. It is designed to prevent galling and cold welding during assembly, reduce torque scatter, and for easy disassembly even after heat exposure up to 1292°F (700°C).