

NYPLATE®

Pre-Applied Thread Anti-Seize

NYPLATE® coating is a film-forming dispersion with mineral solid lubricants for coating threaded parts requiring a high preload on assembly without galling but after exposure to high temperature permit an easy and non-destructive disassembly.



Technical Data — NYPLATE®

- Color — black
- Thread Friction Value 0.10 - 0.15
- Temperature Range: -60°C (-76°F) to +850°C (1560°F)
- Shelf-Life 4 years at room temperature

Typical Performance Results (M10 plain finish)

- Prevailing-On Torque (POT) 1.0 – 2.0 Nm

Advantages

- Ideal for preventing galling on stainless steel fasteners
- Forms a dry-to-touch film
- Environmentally friendly/non-toxic
- Best thread friction values in the industry with low deviation
- Very high maximum temperature resistance (850°C /1560°F)
- Avoids galling, torque chattering and cold welding
- Resistant to lubricants, fuels, hydraulic fluids and most commercial solvents

- Avoids corrosion in the threaded connection
- Can be applied on all threaded materials including plastics
- Outstanding reduction of thread forming installation torque

INNOVATION™

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 INNOVATION™ 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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A Marmon/Berkshire Hathaway Company