



# Pre-Applied Technologies Ltd

*Thread Locking Products, Thread Coating Service*



## PATlok N11 Nylon Technical Data Sheet 2010

### Product Description

PATlok is a company trade name to describe a nylon patch. The patch is produced from Nylon N11 Powder.

Nylon patches are the most widely used thread locking system and are suitable for a wide range of applications.

N11 Nylon patches are available in Orange, Blue, Yellow and Red. Orange is our standard colour. All colours have the same performance characteristics.

### How does it work?

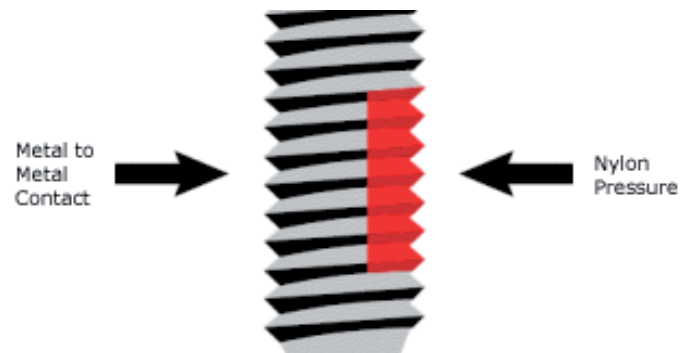
The PATlok is permanently applied to the threads over a rotation angle of 120°-180°. The first two or three threads are kept free of PATlok so that the bolt can be assembled easily.

When the bolt connections are assembled the PATlok layer is compressed, which brings about good metal-to-metal contact in the flanks of the thread where no Patlok is present.

### PATlok Nylon Patches

- Length and position of patch to suit Customer Requirement
- Standard Patch: 1-2 Threads Lead 1 x Fastener Diameter = Patch Length
- Patch Build available in Low, Medium or Heavy (infinitely variable to suit)
- Colour - N11 Nylon patches are available in Orange, Blue, Yellow and Red. Orange is our standard colour. All colours have the same performance characteristics.
- Special Length or position of Locking Patch Available on request
- Thread Locking Patches for small fasteners

### PATlok N11 Nylon Patches



### Typical Properties of Nylon Patches

Purpose	Locking reusable (recommended M2 up to M20)
Angle of coating	120° - 180° standard patch
Shelf Life	Up to 20 years
Ambient temp.	-40°C to +150°C*
Resistance	Resistant to most fluids*
Use	Re-usable up to 5 times*
Specifications	Meets OEM and Automotive Specifications
* Subject to application	