



**TUFLOK® LOCKING PATCH**

**Description**

Tuflok® is a nylon pre-applied partial coating on the thread of the bolts to avoid self-loosening of the part in use.

The nylon element fills partially a portion of the bolt thread.

The blocking effect is produced by making a resistance to the engagement caused by deformation of the plastic that fills up the external thread, since the plastic pushes the mating element against the bolt, allowing a fastening effect



Parts with patch Tuflok®

**Application technology**

- 180 °
- 360 °

**General properties**

- It can be applied partially on external fastener threads in 180°C or 360°C. Round coating 360°C can produce sealing function on the bolted union
- Good corrosion resistance. Service temperature from -50°C to 90°C or with use until 150°C. Unlimited service life in normal conditions of use and temperature
- Excellent resistance to organic solvents such as gasoil, gasolina or brake fluids
- Special attention in their application over organic and inorganic top-coats with integrated lubrication must be taken into consideration. Functional tests must be performed for each application and compliance must be shown. Please feel free to consult for assistance

Function	Self-locking patch
Service life	Indefinite at RT
Type	Nylon locking patch
Colour	Blue (mainly)
Material	Nylon 11
Base material	High-strength metric bolts
Application area	4 to 16 pitches
Range of use	180 and 360 °C

**Standards and specs**

- VOLVO 3P: STD 7121, 161
- FORD: WA 970
- DIN 267-28

**Uses**

- Threaded fasteners which require a high corrosion resistance and temperature resistance, such as unions with service temperature up to 150°C in engine compartment, brake systems and chassis unions
- Non-permanent locking effect on bolted unions. They can be unmounted up to 5 times
- Reduction or removal of vibrations in the bolted unions.
- Applicable over every type of material
- Up to 50 mm length.

**THIS TREATMENT IS APPLIED DIRECTLY IN LINE OR IN COMBINATION WITH PREVIOUS AND SUBSEQUENT APPLICATIONS.**

**GALOL S.A. offers the possibility to reduce logistic costs between the different operations of manufacturing of the part.**



**GALOL S.A.**

Camino de Montaverner, s/nº  
 E 46850 L'Olleria (Valencia)  
 Tel. 962 208 005  
 Http: www.galol.com  
 E-mail: galol@galol.com