

TECNOFREN® Self-locking

is a polyamide based system designed to make any threaded joint self-locking, sealed, adjustable and reusable.

TECNOFREN® exploits the elastic deformation properties of the special polymer.

during tightening, **TECNOFREN®** is distributed between the thread and the female screw to eliminate the spaces between the threads. In this way, it increases the metal to metal contact and exerts strong and long-lasting resistance to loosening and vibrations.

TECNOFREN® is applied by means of controlled deposit, using special systems studied and designed by TECNOLOGIC 3.

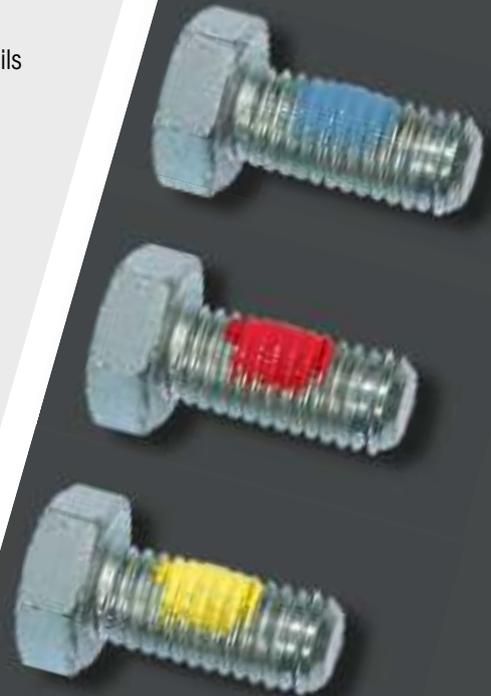
the positions and sizes vary in accordance with the diameter, the threading pitch and the locking torque value to be obtained. The standard a patch application is ideal for the locking function, while with the circular application the sealant function is also obtained.

TECNOFREN® is in line with the European REACH and RoHs directives and is available in the fully non-toxic IMDS system suitable for contact with food.

the **TECNOFREN®** system is a registered trademark which satisfies the World Automotive Industry Standards.

advantages/features:

- economic savings due to reduced assembly times
- excellent vibration resistance
- reusable
- adjustable (ideal for regulator screws)
- replaces all other locking types
- can be applied at patch (STD)
- can be applied at circular (sealant option)
- position, size and torque values as per requirements
- applicable to all types of metal
- solvent-free
- ecological
- food-contact
- dry to the touch
- easy to assemble
- resistant to chemical products, lubricants, fuels, hydraulic fluids, oils and most solvents
- operating temperature - 55°C to 120°C with peaks of 150°C (-70°F to 250°F with peaks of 300°F)
- can be stored in the warehouse for 4 years
- available in various colours (blue, yellow and red)



TECNOFREN® self-locking



applied at patch (STD)
locking function



applied circular (sealant option)
locking and sealant function

Tecnologic3 has been manufacturing and pre-applying safety systems and solutions for threaded parts for industrial use for more than 25 years, with exceptional performance and quality levels guaranteed.

the special systems for the application of the products and their continuous development, combined with careful attention paid to the specific requests of our customers, enable Tecnologic 3 to achieve high standards.

our laboratories are constantly committed to research into personalised formulas to satisfy the various market requirements. The consistency of the results achieved and the severe testing to which we subject our products guarantee reliable, controlled results over the course of time.

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Standard References :

DIN	267 p. 28
IFI	124 524
FCA	PF-6158
GM	GM6189P
CATERPILLAR	IE2511
RENAULT	39-02-010- LF
FORD	ES 382101-S10 ESN 800688-100 WA 970
VOLKSWAGEN	TL195

TECNOFREN® is a registered
trademark of Tecnologic3 in Europe,
USA, Brazil and other Countries.

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