

# TECNOLOGIC® 70 Medium Adhesive

is a water based system of technologically advanced resins and microcapsules, for medium locking and sealant joints.

**TECNOLOGIC® 70 Medium Adhesive** has been tried and tested successfully in extreme conditions locks and seals any threaded joint, and can be applied to all types of metal and some plastics.

**TECNOLOGIC® 70 Medium Adhesive** is applied by means of controlled stratification, using special systems studied and designed by TECNOLOGIC3.

The product is applied at circular, in positions and sizes that vary in accordance with the diameter, the thread pitch and the medium locking torque and sealant value required.

During the screwing up and tightening of the threaded parts, the microcapsules and resins are distributed between the screw and female screw. When polymerisation is complete, the product reaches its medium locking and sealant power, giving excellent resistance to loosening, stress and vibrations.

**TECNOLOGIC® 70 Medium Adhesive** is also able to achieve a high sealing power.

**TECNOLOGIC® 70 Medium Adhesive** is in line with the European Reach and RoHs directives and is available in the solvent-free, non-toxic IMDS system.

the **TECNOLOGIC® 70 Medium Adhesive** system is a registered trademark which satisfies the World Automotive Industry standards.

## advantages/features

- economic savings due to reduced assembly times
- medium locking power
- high sealant power
- excellent vibration resistance
- replaces all other types of locking/sealant agent
- applied at circular
- position and size as per requirements
- can be applied to outer and inner threads
- applicable to all types of metal
- applicable to some plastics
- excellent metal to metal and metal to plastic properties
- solvent-free
- non-toxic
- dry to the touch
- low friction coefficient (0.10-0.15)
- resistant to chemical products, lubricants, fuels, hydraulic fluids, oils and most solvents
- operating temperature -55°C to 170°C (-67°F to 338°F)
- can be stored in the warehouse for 4 years
- color green



# TECNOLOGIC® 70 Medium Adhesive

example :

## resistance to chemicals and pressure after aging

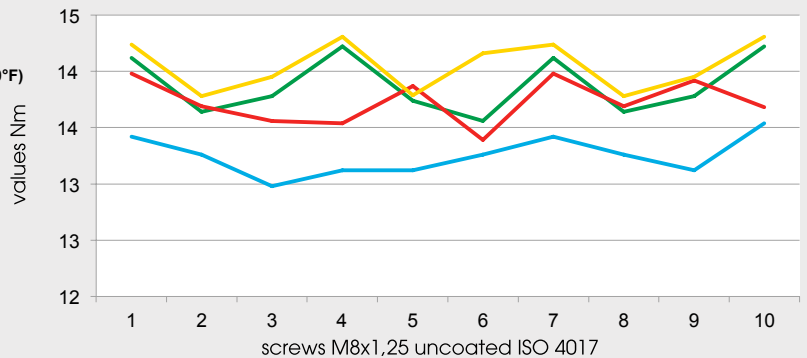
a) tests after cyclic aging tests in which fluids 240h 6h at 150 ° C (300°F) and 6 hours at -30°C (- 22°F)with constant pressure to 2 bar. 10 screw for fluid, screw M8x1,25 uncoated ISO 4017.

value "loosening torque" Standard DIN 267 p.27 without preload room temperature after aging fluids

— room temperature no aging

tests after cyclic aging tests in which fluids 240h 6h at 150 ° C (300°F) and 6 hours at -30°C (- 22°F)with constant pressure to 2 bar

— motor oil  
— gear oil  
— coolan



### test results:

- deviations in the graph show minimum values of "Loosening Torque"
- no loss of seal and subsequent aging durations

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.

## TECNOLOGIC® 70 Medium Adhesive

Standard References:

DIN	267 p. 27
IFI	IFI-125 IFI-525 IFI-160 IFI-560
FCA	PF-6616
GM	GM6175M GM6194M GMW14657 B/C
RENAULT	39-02-010 – LF+E
FORD	WX200 WSS-M11P45-A1 ESS-M11P24-A1/A2 WSK-M2G354-A3
VOLKSWAGEN	601 05

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

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