

TECNOLOGIC® 150

Adhesive High Locking and High Temperature

is a water-based system of technologically advanced resins and microcapsules, with strong locking power at high temperatures.

TECNOLOGIC® 150 high Adhesive for high temperature has been tried and tested successfully in extreme conditions. It locks and seals all threaded joints and can be applied to all types of metal and some plastics.

TECNOLOGIC® 150 high Adhesive is applied by means of controlled stratification, using special systems studied and designed by TECNOLOGIC 3.

The product is applied at circular, in positions and sizes that vary in accordance with the diameter, the thread pitch and the high 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 strong locking and sealant power, giving excellent resistance to loosening, stress and vibrations.

TECNOLOGIC® 150 high Adhesive locking is also able to achieve a high sealant power.

TECNOLOGIC® 150 high Adhesive is in line with the European Reach and RoHs directives and is available in the solvent-free, non-toxic IMDS system.

TECNOLOGIC® 150 high Adhesive system is a registered trademark which satisfies the World Automotive Industry standards.

advantages/features

- economic savings due to reduced assembly times
- strong locking performance
- high sealant power
- excellent vibration resistance
- replaces all other types of locking/sealant agents
- 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 (0.12-0.18)
- resistant to chemical products, lubricants, fuels, hydraulic fluids, oils and most solvents
- operating temperature -55°C to 200°C (- 67°F to 392°F)
- can be stored in the warehouse for 4 years
- color red



TECNOLOGIC® 150 High Adhesive

example:

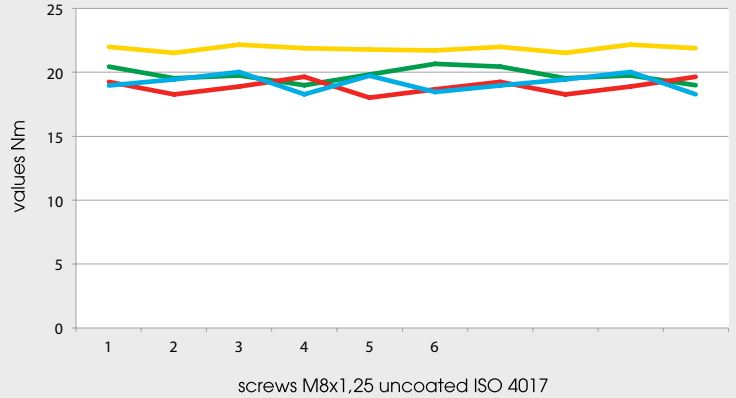
resistance to chemicals and pressure after aging

a) aging test for 168h, in fluid at constant temperature 150°C (300°F) and pressure 4bar.

— room temperature no aging

aging test for 168h, in fluid at constant temperature 150°C (300°F) and pressure 4bar.

— 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® 150 High Adhesive

Standards references:

DIN	267 p. 27
IFI	IFI-125 IFI-525 IFI-160 IFI-560
FCA	PF-6616
GM	GM6124M GM6175M GM6194M GMW14657 A,B e C
CATERPILLAR	IE2486
RENAULT	39-02-010 -LS+E
FORD	WSK-M2G354-A1 WX200 WSS-M11P45 WSS-M11P24
VOLKSWAGEN	601 05
JCB	STD00007

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