

TECNOLOGIC® 15 Sealant

is a water-based system of technologically advanced resins, which guarantees a powerful seal.

TECNOLOGIC® 15 Sealant has been tried and tested successfully in extreme conditions to ensure that all threaded joints (cylindrical/cylindrical and cylindrical/conical) are well sealed, and the product can be applied to all types of metal and most plastics.

TECNOLOGIC® 15 Sealant 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 sealant value required.

During the coupling of the threaded parts, **TECNOLOGIC® 15 Sealant** is distributed to eliminate the interference between the threads, to guarantee high sealant performance.

The persistence of the seal and its resistance to high temperatures are unique features which satisfy the very highest safety standards in the most critical applications.

TECNOLOGIC® 15 Sealant is in line with the European Reach and RoHs directives and is available in the solvent-free, non-toxic IMDS system.

advantages/features:

- economic savings due to reduced assembly times
- high performance sealant power
- reusable
- excellent vibration resistance
- replaces all other types of seal
- applied at circular
- position and size as per requirements
- can be applied to outer and inner threads
- applicable to all types of metal and most plastics
- excellent metal to metal, metal to plastic and plastic to plastic properties
- solvent-free
- non-toxic
- dry to the touch
- easy to assemble
- resistant to chemical products, lubricants, fuels, hydraulic fluids, oils and most solvents
- operating temperature -55° to C-200°C (-67°F to 392°F)
- can be stored in the warehouse for 4 years
- color heavenly



TECNOLOGIC® 15 Sealant

examples:

resistance to chemicals and pressure after aging

a) cyclic aging tests in fluids with pressure and with -out pressure, screw M8x1,25 uncoated ISO 4017.

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

Products	Pressure	temperature	Duration	Result
motor oil	2 bar	150°C (300°F) per 6 h	240 h	no loss of seal
automatic gear oil				
gear oil				
coolant				
		-30°C (-22°F) per 6 h		

resistance to chemicals and pressure after aging

b) aging test with constant pressure and fluid temperature, screw M8x1,25 uncoated ISO 4017.

Products	Pressure	temperature	Duration	Result
motor oil	4 bar	150°C (300°F)	168 h	no loss of seal
automatic gear oil				
gear oil				
coolant				

Tecnologic 3 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 :

FCA	PF-6157
GM	9985490 9985473
RENAULT	39-02-010-E
FORD	WX201 WSK- M4G328-A2 WSS-M18912-A

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