

SEALING

PRE-COATING

Pre-coating is an innovative and economic technology that replaces advantageously many sealing systems like gaskets, o-rings, sealing pastes, anaerobic resins, Téflon strips.

Our special machinery enable to realize small series (1000 units) as well as large series (1 million units) in a wide range of applications:

Sealing of the screw threads

- Drain plug and smelter plug
- Fitting to threads, straight or cone-shaped
- Sensor plug
- Metrical or self tapping screw thread screw or pin

Sealing of tubes and hafted units

- Rigid nozzle and Pump outlet tube
- Tight-hafted smooth cap

Underhead sealing on fasteners

- Screw or plug socket
- Blind nut and settable pin



SEALING FUNCTION

We depose a resin on one of the unit to assemble in order to guarantee the assembly sealing. The resin fills the assembly and guarantees an immediate sealing during an assembly by screwing.

Many fluids will be sealed by the pre-coating technology:

- Compressed air and gas
- Drinkable water and warm water
- Oils and hydrocarbons
- Cooling fluids and brake fluids

The authorized pressure may go beyond the 50 bars, only for some assemblies.



ADVANTAGES

- Replaces expensive seals to be implemented
- Replaces sealing products, fluid or pastes, and difficult to depose
- Control of the technical parameters
- Excellent quality: the presence of a sealing system is guaranteed
- Vibration and shock absorption and noise reduction
- Good resistance to chemicals
- High admissible pressures
- Seals many fluids
- Immediate sealing after assembly
- Important reduction of assembly costs in workshop or on a construction site.



CHARACTERISTICS AND PRODUCTS

We dispose of a large scale of products to help you with many sealing problems on fixation units.

Suppliers	Product	Color	Applications			
			On threaded part	On fitted part	Under head of threaded part	Under head of crimped part
3M	3M 429I	Light blue	✓			
precote®	Precote 4	White			✓	
	Precote 5	Light blue or white	✓			✓
	Precote 15*	White	✓		✓	
	Precote 200	Dark blue				✓
ThreeBond	TB 2353	White	✓	✓	✓	

* Food contact approval DVGW

QUALITY

Our processes are ISO 9001 certified and fulfill specific requirements in the automotive industry.



APPROVALS

Our products are approved according to many automotive standards:

Renault CDC 39.02.010
PSA B14.12.35
Volvo STD 1262.2
Ford WX 201

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The Precote 15 is food certified by the DVGW organism.

