



THREAD SEALING METAL TUBES AND CONNECTIONS

ALL METALS

DEFINITION

Multi-purpose, single-component anaerobic adhesive for sealing metallic threaded caps, pipes, and connections.
Effective on all types of metal at low and high pressure.

ADVANTAGES

Single-component, clean, easy-to-use and non-toxic.
No more pastes, tapes and hems. No risk of clogging filters.
Seals all types of metal thread: brass, raw or treated steel, stainless steel, etc.
Suitable for conical and cylindrical connections up to 3 inches.
Protects against corrosion.
Can be dismantled using standard tools.
Seals immediately at low pressure.

APPLICATION FIELDS

Sealant for hot and cold water, solvents, oils, refrigeration fluids, gasoline, etc.
Sealant for compressed air and gas. Heaters, toilets, air conditioning, hydraulic and pneumatic mechanisms, vehicles, etc.
Sealing and bonding of housings, flanges, gasket faces, etc. that are subject to vibrations.
Not suitable for sealing systems containing glycol or glycol water (solar panels).

TECHNICAL CHARACTERISTICS

Appearance.....	thixotropic putty
Colour	orange-yellow
Continuous operating temperature	-60°C to +150°C (200°C max)
Mechanical resistance on M10 steel (NFT 76.124) ...	10 to 20 N.m.
Setting time at 20°C.....	<5 minutes on copper and its alloys
.....	2 to 10 minutes on steel
.....	<30 minutes on stainless steel
Setting time at 40°C.....	<2 minutes on copper and its alloys
.....	<10 minutes on stainless steel
.....	<10 minutes sur inox
Maximum operation clearance.....	0.4 mm

1/4

Manufacturing site and registered office

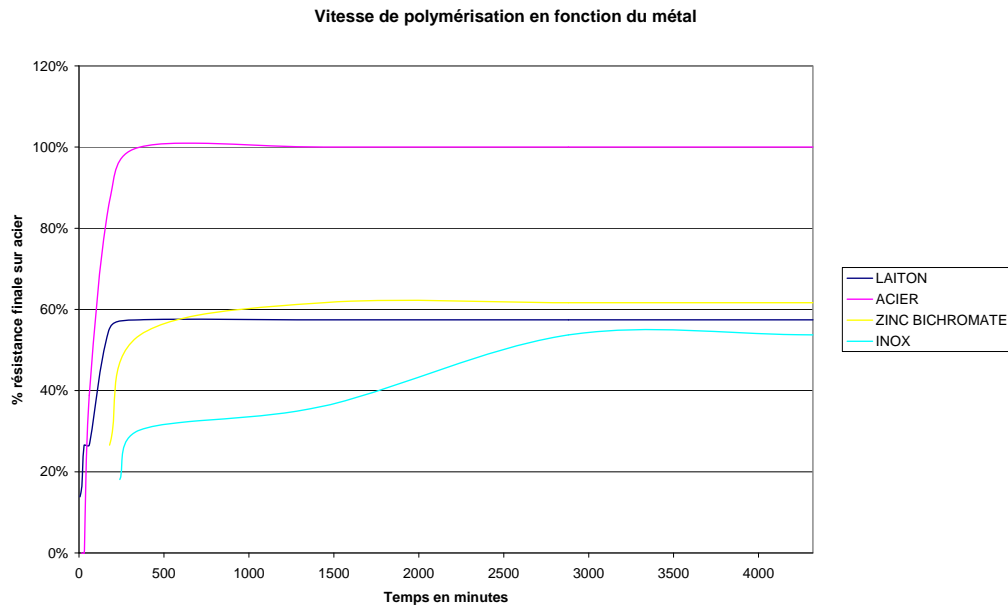
Parc Industriel de la Plaine de l'Ain - 225 allée des Cèdres - 01150 Saint-Vulbas - FRANCE
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TECHNICAL CHARACTERISTICS - continued

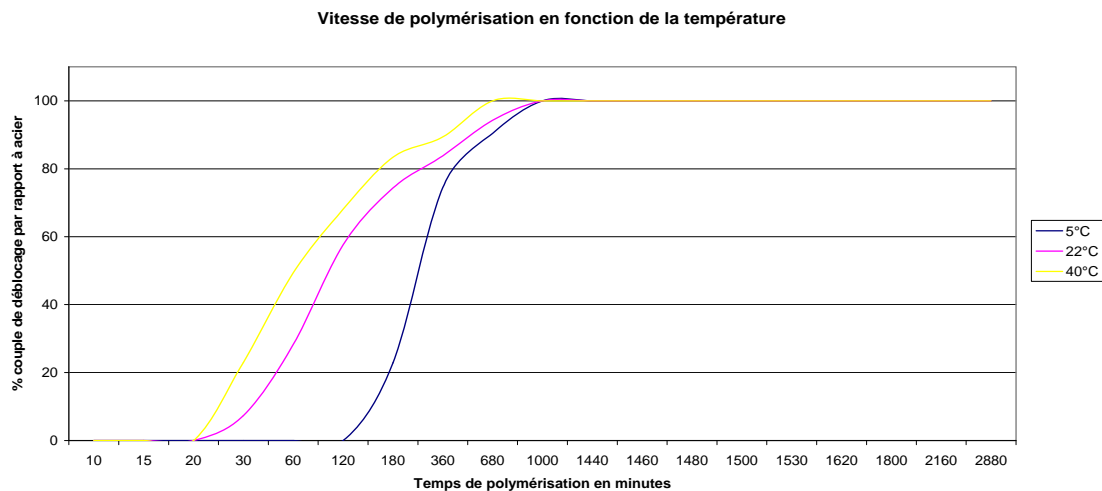
Rate of polymerisation according to the substrate:

The rate of polymerisation depends on the substrate used. The graph below shows the development of the unlocking torque over time on different metals according to standard ISO 10964



Rate of polymerisation according to the temperature:

The rate of polymerisation depends on the temperature during application. The graph below shows the development of the unlocking torque over time at different temperatures on M10 steel bolts according to standard ISO 10964.



2/4

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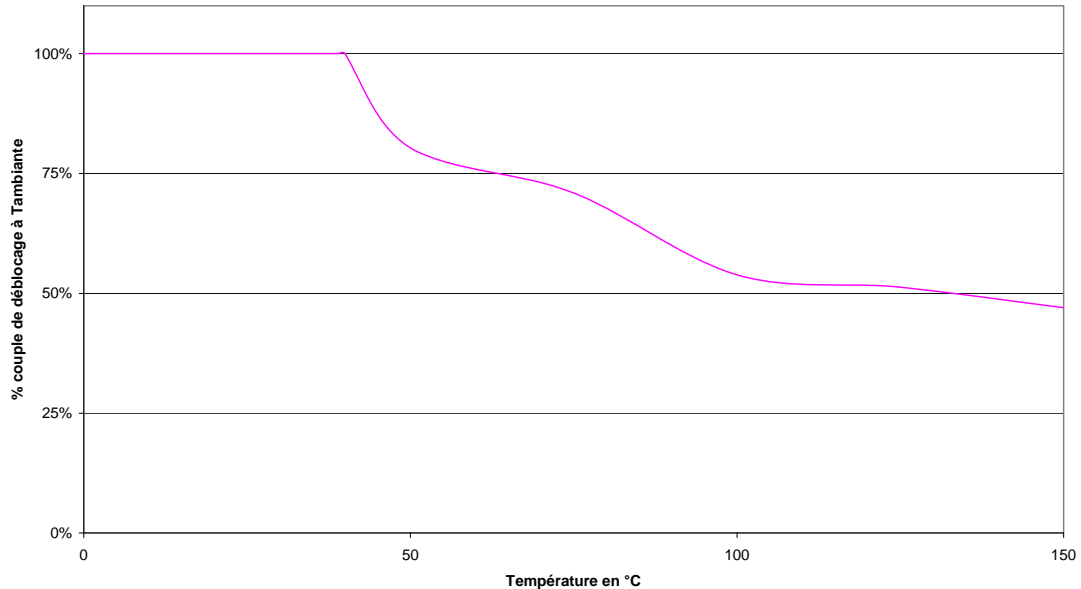
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High temperature stability:

Polymerisation 1 week at 22°C with M10 steel bolts with zinc phosphate coating.

The unlocking torque is measured according to standard ISO 10964 with a pre-load of 5 N.m. at different temperatures.

Mesure du % de couple de déblocage en fonction de la température



Resistance to chemical products:

ging in different chemical products and measurement of the unlocking torque after 100 hours and 500 hours after the temperature returns to 22°C.

Chemical agent	Temperature (°C)	% of the unlocking torque after	
		100 hours	500 hours
Engine oil	125	100	100
Lead-free petrol	22	100	100
Brake fluid	22	100	100
Ethanol	22	100	100
Acetone	22	100	93
50/50 Water/Glycol	87	100	100

3/4

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INSTRUCTIONS FOR USE

Ready to use. Application temperature: +10 to +40°C.

If using at temperatures under 10°C, use our ACTIVATEUR 3140 activator.
Apply the adhesive evenly to clean and dry surfaces (NETTOYANT 3141) and fill in backlash entirely.
The resin must be carefully applied to at least 3 to 5 threads on the entire circumference.

For faster polymerisation on stainless steel and treated metals, we strongly recommend using our ACTIVATEUR 3140 activator.

Pre-stressing is not necessary.



PACKAGING

50 ml squeeze bottle Ref. 1077 F7

x 6

AUTHORISATIONS

- InS P1 Registered No.1796072



- NSF P1 Registered



- AFNOR 751-1-H and DIN DGVW compliant for gas:
 - Visual assessment of quality in accordance with standard NF EN 751-1 Class H
 - Chemical stability test in accordance with standard NF EN 751 Class H
 - Corrosion test in accordance with standard NF EN 751 Class H
 - Effectiveness test in accordance with standard NF EN 751 Class H
 - Resistance to gas condensate test in accordance with standard NF EN 751 Class H
 - Hot water resistance test in accordance with standard NF EN 751 Class H

4/4

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