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# TECHNICAL REPORT

New anaerobic sealant Ajustick  
ref. 75000400



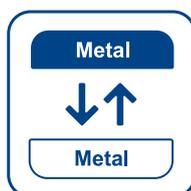
## PRODUCT DESCRIPTION

Our gasket former **Ajustick** is a single-component **anaerobic sealant** (methacrylic anaerobic resin) of medium mechanical strength designed to seal metal components with machined surfaces.

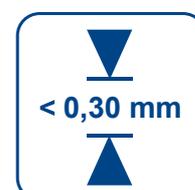


## MAIN FEATURES

1. The product **cures when it is confined in the absence of air** and between mechanized steel or aluminum metallic surfaces.
2. It provides a **high temperature resistance** and a strong sealing which can flexes with the movement caused by vibrations, pressure variations and / or thermal changes.

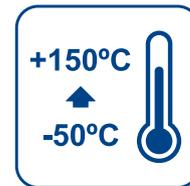


This property offers a uniform and flexible barrier with the ability **to fill gaps up to 0.30 mm**, which allows greater machining tolerance of the surfaces to be sealed.



**3.** It can be used in applications in contact with oil, grease, water, air, hydrocarbons, coolant liquids and many other chemicals.

**4.** It allows a wide range of working temperatures between **-50°C to 150 °C**, with the possibility to reaching peaks up to **180°C**.



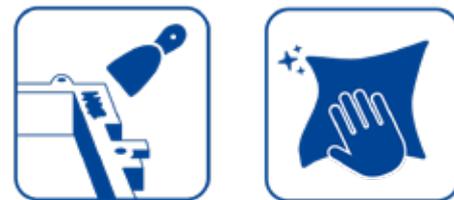
## APPLICATIONS

For **sealing metal components** of aluminum alloys or machined steel:

- Rocker covers
- Timing covers
- Oil pans
- Oil or coolant pumps
- Gearboxes and gearboxes cover

## ASSEMBLY

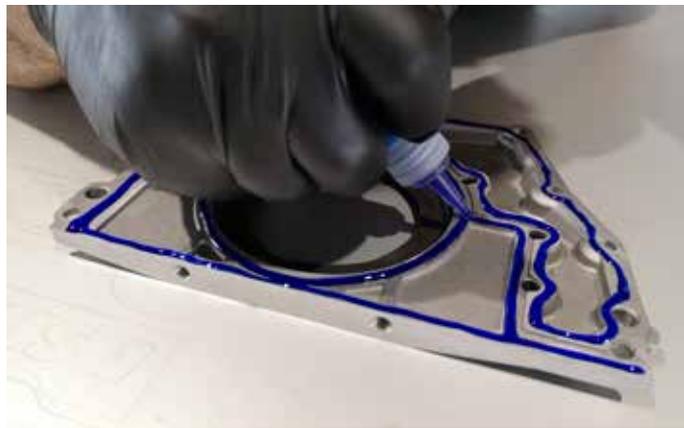
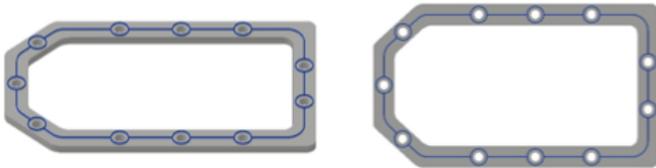
**1. Clean the surfaces area** leaving them free of grease, oil and old sealant residues. **Do not use metal tools** to avoid possible damage in these areas.



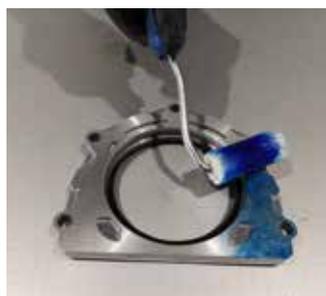
**2. Apply a continuous amount** on one of the surfaces, taking care to not apply an excess. Remove excess. This **excess can cause overflow** when the parts are tightened, obstructing oil/coolant holes or contaminating them.



It must be applied sealant **bordering** all the holes and the entire perimeter, as indicated in the following pictures:



**3.** In certain applications, especially in those whose surfaces contain oil holes, its necessary to **extend the product with a non-absorbent roller**.



**4.** Join the components to be sealed **before 15-25 minutes** after the sealing application.

**5.** Perform **tightening procedure immediately**, according to specifications on the workshop manual.



**6.** Total cure it is produced in **24 hours**. This time may vary **depending on the material** to be sealed, the clearance and the ambient temperature (time for a temperature range between **+20°C to +25°C**).

For low temperatures **from +5°C to +20°C** the cure time is increased. Higher temperatures than +25°C reduces the cure time).

For other materials such as brass and copper, contact the technical service.



## OBSERVATIONS

1

Wearing **gloves** is important.

2

It must be **avoided the metal contact** with the inside product of the bottle, because it begins to polymerize in contact with metal ions.

3

The sealant in liquid state is soluble to most of the solvents (oils - antifreeze, etc.), so it must **be allowed to cure completely** before starting the engine. A greater amount of material will imply more curing time.

4

For the good preservation of the product, **inside the bottle must contain air**, that is the reason why is not 100% full.

5

The parts sealed **should not be separated** after the tightening process.

6

**Conservation:** Storage 2 years at temperatures between + 5°C to + 28°C.



## DIFFERENCES



### Ajustick

methacrylic resin

**anaerobic** sealant

only cures in the **absence of air**

only seals with metallic materials  
(presence of metallic ions)

for grinding surfaces with a high-quality finish

for flat surfaces with **low clearance** (0,3 mm)

medium stress resistance / easy disassembly

apply only **directly** on the surface, never as a supplement  
to other gaskets



### Ajusil

silicone

**aerobic** sealant

only cures in the **presence of air**

seals metallic, plastic and other materials

for surfaces with a wide range of tolerances

for surfaces with **large clearances** (cavities / grooves)

low stress resistance / easy disassembly

apply as a **supplement** to other gaskets or as a gasket  
sealant



## DO YOU WANT TO KNOW MORE?



Look up the **technical data** and **safety sheet** in our website ([ajusa.es](http://ajusa.es)) and Ajusa Mobile APP.