

# BLOCK BLOCCANTE CUSCINETTI

## Methacrylate-based anaerobic threadlocking sealant specifically for bearings

### DESCRIPTION

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Block Bloccante Cuscinetti is a low viscosity methacrylate-based anaerobic threadlocking sealant specifically for sealing and blocking bushings or cylindrical and conical parts subject to subsequent disassembly such as screws, tabs and bushings. It allows easy disassembly with standard tools and improves the reliability of slide assembly. Has good chemical resistance to water/glycol mixture, brake fluid, engine oil and acetone. Only for metal surfaces.

**Certified and tested according to:**

DIN-54454: retention greater than 90% of the unscrewing torque after 1000 hours.

### FEATURES

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- Medium mechanical torsion resistance
- High temperature resistance between -50 to + 150 °C
- Medium cure rate
- Good chemical resistance

## TECHNICAL DATA

<b>Appearance</b>	Liquid
<b>Colour</b>	Red
<b>Specific Gravity</b> (g/cm <sup>3</sup> )	1.06
<b>Viscosity</b> (mPa*s) (Brookfield 20 rpm/25°C)	Ca. 700
<b>Flash Point</b> [°C]	>100
<b>Operating Temperatures</b> [°C]	-50 ÷ + 150
<b>Pot-Life</b> [min]	Ca. 15
<b>Handling Time</b> [h]	3 – 6
<b>Final Hardening</b> [h]	12 – 24
<b>Initial Unscrewing Torque</b> (N*m) (ISO 10964)	19 – 25
<b>Residual Unscrewing Torque</b> (N*m) (ISO 10964)	16 - 22

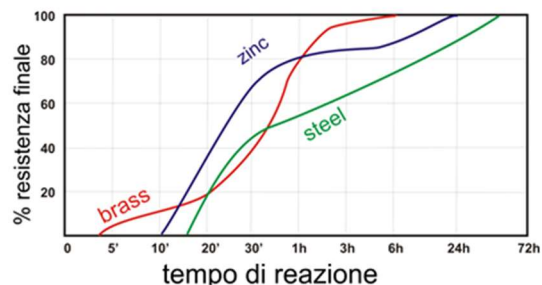
(The values reported refer to tests carried out at 22°C after 24 hours - tests carried out on M10x20 zinc screws and 8.8 mm galvanized nuts)

### RESISTENZA AI PRODOTTI CHIMICI

Metodo di prova DIN-54454.

Coppia di svitamento % valutata dopo immersione.

	T °C	100 h	500 h	1000 h
Acqua/Glicole	85	100	100	100
Liquido per freni	22	100	95	95
Olio motore	125	100	100	95
Acetone	22	100	95	95



## APPLICATION

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This product is not suitable for metal-plastic couplings as well as for sealing systems with basic products or strongly oxidising acids. Use on clean and degreased metal threads. Apply the product on the first few turns of the male thread and half a turn on the female. It is essential to tighten tight. A loose and superficial tightening can cause leaks over time. Do not open or swivel joints after tightening. Wait 24 hours to allow the sealant to fully cure before putting the system into operation. polymerisation of the sealant. In the case of assembly in series, it is recommended to block the previous joint in order to prevent the film from breaking during formation.

## CLEANING OF EQUIPMENT AND PERSONAL PROTECTIVE MEASURES

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Clean tools used with solvents. Avoid skin contact, possibly using latex, rubber or polyethylene gloves. latex, rubber or polyethylene gloves. In case of contact with skin, wash immediately with soap and water.

## PACKAGING

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Bottle 60 ml - 6 units per box  
Bottle 20 ml - 12 units per box

## STORAGE AND SHELF LIFE

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It can be stored for 24 months from the date of production, in unopened containers and in a dry and cool environment. Storage temperature between 5°C and 30°C.

## GENERAL INFORMATION

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The information contained in this data sheet represents the best of our knowledge. However, this document cannot be regarded as a guarantee that the product will be used and applied in accordance with the instructions provided. Successful application is beyond our control and depends on many factors. We accept no responsibility for the misuse of the product, the recommendations in this document should be considered general guidelines. If any doubts remain, please carry out preliminary tests. NPT Srl, reserves the right to modify and update the data sheet without prior notice. Customers are kindly requested to check that they have the latest version.

ALWAYS CONSULT THE SAFETY DATA SHEET BEFORE USING THE PRODUCT