

# Technical Data Sheet

## Threadlocking adhesive | EL 2012 G



### **Description and field of application**

EL 2012 G is used to secure and seal threaded connections. The anaerobic threadlocking adhesive cures fully due to the absence of air and the metallic properties of the threaded connection. The high-strength threadlocker is the perfect solution for areas of application in which the threaded connection is permanent.

### **1. General product information**

<b>Chemical composition</b>	Methacrylate ester
<b>Color</b>	Green
<b>Temperature range</b>	-55 °C to +150 °C
<b>Maximum sealing gap</b>	0.15 mm
<b>Maximum thread size</b>	M20
<b>Resistance to</b>	Oil, lubricant, fuel, coolant, cold and hot water, salt water, etc.

**Eling threadlocking  
adhesive  
EL 2012 G**



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## 2. Technical data

Characteristic	Value	Test standard
Density	1.10 g/ml	DIN 53479
Viscosity (25 °C)	500 mPA-s	
Handling strength	20-40 minutes	
Functional strength	6-12 hours	
Full cure	24-36 hours	
Shear strength	10-20 N/mm <sup>2</sup>	DIN 54452
Breakloose torque	20-30 Nm	

## 3. Directions for use

1. Remove possible remnants of threadlocker and clean bolts/threaded area with solvent.
2. Threaded areas must be clean, dry, and lubricant-/grease-free before applying the threadlocking adhesive.
3. Shake well before use.
4. Apply several drops of threadlocking adhesive to the area to be secured or sealed.
5. Install/assemble components in accordance with manufacturer's instructions.
6. Close threadlocking adhesive after use.
7. Safety and Technical Data Sheets available at [www.elring.de](http://www.elring.de)

## 4. Storage

- Optimum storage conditions: cool (+5 °C to +25 °C) and dry
- Minimum shelf life: 24 months in unopened state

**Elring threadlocking  
adhesive  
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## 4. Sales details

Product No.	Type of packaging	Contents	Packaging unit	Languages (hazard notices)
700.520	Bottle	10 ml	9 pcs	DE/EN

**Bulk packs on request**

## 5. Disclaimer

The information presented in this Technical Data Sheet, in particular suggestions relating to product use and the field of application, is based on our current scope of knowledge and experience. Due to the different areas of application and operational conditions that are beyond our sphere of influence, we can assume no liability as regards the suitability of our products for specific production processes, fields of application, or intended use/results. In order to ascertain whether these products are suitable, you are advised to conduct your own tests and assessments prior to use.

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**Das Original**

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