

Technical Data Sheet

Threadlocking adhesive | EL 2012 B



Description and field of application

EL 2012 B 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. As the threadlocking adhesive is of a medium strength, the bolts to which it has been applied can be loosened again using hand tools.

1. General product information

Chemical composition	Methacrylate ester
Color	Blue
Temperature range	-55 °C to +150 °C
Maximum sealing gap	0.25 mm
Maximum thread size	M36
Resistance to	Oil, lubricant, fuel, coolant, cold and hot water, salt water, etc.

**Elring threadlocking
adhesive
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2. Technical data

Characteristic	Value	Test standard
Density	1.05 g/ml	DIN 53479
Viscosity (25 °C)	1,700 – 9,000 mPA·s	
Handling strength	30-50 minutes	
Functional strength	6-12 hours	
Full cure	24-36 hours	
Shear strength	7-10 N/mm ²	DIN 54452
Breakloose torque	13-18 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

4. Storage

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

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4. Sales details

Product No.	Type of packaging	Contents	Packaging unit	Languages (hazard notices)
700.500	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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