

EL-Loc 43 (blue)

Description and applications

EL-Loc 43 is a medium-strength, non-hazardous anaerobic screw lock. It is suitable for all metal thread seals and prevents loosening due to vibration, for example in gearboxes and engines. The connections can be loosened using standard tools.

When air is excluded and there is metallic contact with the connecting components, a media and temperature resistant sealing film forms, which then hardens.



1. General product information

| | |
|----------------------------|--|
| Chemical basis | Modified acrylate |
| Components | Single component |
| Colour | Blue |
| Temperature range | -55 °C to +180 °C |
| Maximum thread size | M36 |
| Resistant to | Oil, grease, fuel, coolant, cold and hot water, salt water, etc. |

2. Technical data

| Measured variable | Value | Test standard |
|----------------------------|------------------|---------------|
| Density | 1,08–1,10 g/ml | DIN 542:2003 |
| Viscosity (25°C) | 1.500–4.000 mPas | |
| Handling hardness | 5–15 min | EN ISO 10964 |
| Functional hardness | 3–6 h | |
| Complete curing | 12–24 h | |
| Breakaway torque | 15–25 Nm | EN ISO 10964 |

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3. General information

3.1. Usage and processing instructions:

1. Remove sealant residues and clean the sealing surfaces with solvent.
2. Sealing surfaces must be clean, dry, and free of oil or grease before applying the sealing compound in order to ensure reliable sealing and adhesion.
3. Optimum processing temperature (ambient / adhesion surface temperature) +23°C
4. Apply the sealing compound continuously and evenly to the component to be sealed by pressing together the bellows bottle on one side.
5. No airing time required.
6. Fit the components in line with the manufacturer's specifications.
7. The sealing function is immediate.
8. Safety and technical data sheet at www.elring.com
9. In case of further questions, please contact our service hotline.

3.2. Storage

- Optimum storage conditions: Cool (+5°C to +23°C), dark and dry location.
- Minimum shelf life: 24 months in unopened containers.
- The batch number has the following structure: YYWW (filling date)

3.3. Delivery form

| Item no. | Package content | Volume | Colour | Packaging unit | CLP label |
|----------------|-------------------|--------|--------|----------------|--|
| 700.501 | Concertina bottle | 10 ml | Blue | 9 pieces | DE/EN/FR/IT/PT/ ES/RU/BG/CN/ CZ/DK/EE/FI/GR/ HR/HU/LT/LV/NL/ NO/PL/RO/SE/ SI/SK |
| 954.000 | Concertina bottle | 50 ml | Blue | 6 pieces | |

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3.4. Exclusion of liability

The above specifications in this technical data sheet, in particular the suggestions for processing and usage of our products, are based on our current knowledge and experience. As a result of the varied possible uses and the fact that the usage and working conditions are outside our area of influence, we accept no liability for the suitability of our products for a particular production process under specific working conditions, or for the intended processing purposes and results. To ensure suitability, we recommend that adequate independent trials and tests are always performed in advance.

Any liability resulting from the information in this technical data sheet and from other written or verbal advice for the product in question is explicitly excluded, unless a case of injury, death or health problems arises that is due to intent or gross negligence on our part, or we are subject to liability under mandatory product liability law.