

Curil™ T2 (green)

Description and applications

Curil T2 is a permanently plastical, solvent-free sealing compound with excellent adhesion to sealing surfaces. As it contains no solvents, no airing time is required.

Due to its thermal and chemical resistance, it is particularly suitable as a universal sealant for complicated sealing joints and applications for easy dismantling.



1. General product information

Chemical basis	Polyurethane
Curing	No curing
Components	Single component
Colour	Green
Consistency	High viscosity
Temperature range	-55 °C to +250 °C (for 24 h up to +270 °C)
Maximum sealing gap	0,2 mm
pH value	neutral
Detachment	Can be easily detached
Resistant to	Mineral oils (including additives), synthetic oils, Lubricating grease, Coolants, cold and hot water, salt water, cleaning agents, weak acids and alkalis, fuel
Possible applications	Oil pan, water pump, oil pump, differential housing, gearbox, gear oil sump, thermostat housing, control housing, axle cover, flange connection In general all application, which need an easy removal

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2. Technical data

2.1 General properties

Measured variable	Value	Test standard
Viscosity	100.000 - 112.000 m/Pas	Brookfield Spindel
Density	1,08 ± 0,1 g/cm ³	DIN 53479
Skin formation/ Airing time	No longer required	
Tensile strength	0,034 N/mm ²	

Sensor Safe

The polyurethane-based Curil T2 sealant don't emit any gas during curing that could corrode sensitive electronic components, especially unprotected metallic surfaces, e.g. on a sensor.

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. Processing temperature (ambient / adhesion surface temperature): +5 to +35 °C
4. Apply the sealing compound evenly across the entire surface.
5. Immediately remove any excess sealing compound applied, as there is a risk that it could
6. drip into the interior.
7. The parts can be fitted in any desired time period after application.
8. Fit the components in line with the manufacturer's specifications.
9. The sealing function is immediate.
10. After use, reseal the sealing compound securely.
11. Safety and technical data sheet at www.elring.com
12. In case of further questions, please contact our service hotline.

3.2 Storage

- Optimum storage conditions: Cool (+5 °C to +25 °C) and dry location
- Minimum shelf life: 36 months in unopened containers. Seal opened containers securely.
- The batch number has the following structure: YYWWCCC (Filling date)

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3.3 Delivery form

Item No.	Package content	Volume	Colour	Packaging unit	CLP Label
471.081	Tube, nozzle	70 ml	green	10 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
471.181	Compressed gas cartridge, nozzle	200 ml	green	12 pieces	
252.869	Tin	500 ml	green	6 pieces	

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.