

Technical Datasheet

Curil® T – the non-hardening, temperature-resistant sealing compound



Description and typical applications

Curil® T is a pasty, non-hardening sealing compound based on synthetic resin with an excellent sealing effect, even at extreme temperatures. Curil® T is ideal for sealing plane and finely finished, rigid surfaces, for example in internal combustion engines, exhaust gas turbo-chargers, gearboxes, turbines, generators, pumps, machine construction and other applications. Curil® T is normally used without a flat gasket. When sealing threaded connections, the effect on the friction coefficient must be taken into account.

<i>Characteristic</i>	<i>value range unit method</i>
Temperature stability	-40°C to +250°C (233 K to 523 K)
Resistance	resistant to mineral oils (also with additives), synthetic oils and greases, gasoline and diesel fuels, hot and cold water, seawater, gases, air as well as weak acids and alkalis
Boiling point/range	from approx. 80°C to 120°C
Flash point	-5°C
Vapor pressure at 20°C	31 hPa
Density at 20°C	1.04 g/cm ³
Compacted bulk density	not applicable
Viscosity at 20°C	ca. 30,000 mPas
ph value (corrosion behaviour)	neutral
Electrical properties	insulating
Compatibility	with paper, Abil®, EWP and other soft sealing materials, rubber materials, cork, pressed synthetic resin parts and all metals

Elring Sealing Compound Curil® T



Das Original

Technical Datasheet



Physical/chemical characteristics

State when supplied	pasty
Color	green
Odor	specific
State after application	viscous, pasty

Application and processing

When the parts are initially assembled, it is sufficient to apply Curil® T to clean, machined or formed surfaces which must be free of grease. If the surfaces are being repaired, they must be thoroughly cleaned and degreased with white spirit prior to sealing. A thin coating of Curil® T is applied to the surfaces to be sealed using a brush, an Instant Box or a similar dosing system. The surfaces should be left for approx. 5 to 10 minutes before being fit together and pressed. The parts can also be left for much longer before assembly if desired. Always close the container tightly after use.

Note: If too much sealing compound is applied, it can drip into the interior.

Warning

Keep out of reach of children.

Thinner	ethyl acetate
Material consumption	approx. 0.1 – 0.2 ml/m ²

Storage

Storage	store in a cool, dry place
Shelf life	at least 24 months in an unopened container
Disposal	Give empty containers to local disposal firm

Identification

GefStoffV (regulations on hazardous substances)	F, highly inflammable
--	-----------------------

Form of supply	Contents	Elring no.	Original pack/pcs
Sales box with tubes	75 ml	246.948	10 pieces
Cans	750 ml	252.867	10 pieces

Larger containers on request

All information contained in this datasheet is based upon the extensive experience of the seller. However, no liability can be undertaken. Since the particular circumstances of each individual case determine the success of the sealing, the data provided here applies in general and not for individual cases. Curil® T is a registered trademark of ElringKlinger AG.



Das Original

ElringKlinger AG | Spare Parts Business Unit
Max-Eyth-Straße 2 | D-72581 Dettingen/Erms
Fon ++49 (0)71 23/724-622 | Fax ++49 (0)71 23/724-609
elring@elring.de | www.elring.de