

Curil® K2 –

The non-hardening, temperature-resistant sealing compound



Description and typical applications

Curil® K2 is a soft, pasty, non-hardening sealing compound based on synthetic resin for a variety of processing applications. It can be used to seal internal combustion engines, transmissions, pumps and other equipment assemblies, preferably with flat, finely finished surfaces, for example at the joints of aircraft engines and special engines, cylinder bases, housings and threaded connections. 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 +200°C (233 K to 473 K)
Resistance	resistant to mineral oils (also with additives), petrol and diesel fuels, cold and hot water, seawater, gases, air and weak acids and alkalis
Boiling point/range	approx. 78°C
Flash point	17°C
Vapor pressure at 20°C	58 mbar (prEN 13016-1)
Density at 20°C	1.04 g/cm ³
Compacted bulk density	not applicable
Viscosity at 20°C	1200 – 1800 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® K2



Physical/chemical characteristics

State	viscous
Color	yellowish brown
Odor	ethyl alcohol

Application and processing

When the parts are initially assembled, it is sufficient to apply Curil® K2 to clean, machined or formed and, above all, grease-free surfaces. If the surfaces are being repaired, they must be thoroughly cleaned and degreased with white spirit prior to sealing. A thin coating of Curil® K2 should be applied using a brush, an Instant Box or 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	with ethyl acetate
Application quantity	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

Identification

GefStoff (regulations on hazardous substances)	F, highly inflammable
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Form of supply	Contents	Elring no.	Original pack
Sales box with tubes	75 ml	532.215	10 pieces
Cans	500 ml	534.714	12 pieces
Pot with brush	250 ml	534.501	24 pieces
Bucket	5 l	036.129	1 piece
Bucket	10 l	532.550	1 piece

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. Dirko® K2 is a registered trademark of ElringKlinger AG.



Das Original

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