

# Klüberlectric R 64-401

Paste for easy assembly of plastic and elastomer components in the electrical industry



## Benefits for your application

- Neutral especially towards silicone-based elastomers
- Low assembly forces
- Good electrical insulation
- Odourless also when heated

## Description

Klüberlectric R 64-401 is a fully synthetic assembly paste based on synthetic hydrocarbons and silicate.

Klüberlectric R 64-401 reduces the force needed to assemble silicone-based elastomers in electrical components and devices without affecting the insulating effect of plastic and elastomer materials. Klüberlectric R 64-401 ensures these low forces for a considerably longer time than silicone-based assembly pastes; consequently, components can later be disassembled for inspection without being destroyed. The electroconductive characteristics of Klüberlectric R 64-401 are hardly affected by moisture.

Klüberlectric R 64-401 is neutral towards silicone-based elastomers. Due to the many different material compositions, we recommend component tests under real-life conditions for compatibility with the assembly paste prior to series application.

- cable coupling boxes
- insulating sleeves
- O-rings

## Application notes

Klüberlectric R 64-401 is a ready-to-use product and can be applied by means of e.g. brush. Special containers such as tubes with brush applicator can be supplied on request for orders of sufficient volume and delivery time.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

## Application

Assembly processes involving plastic and elastomer materials in the electrical industry.

Examples:

Pack sizes	Klüberlectric R 64-401
Can 1 kg	+
Bucket 25 kg	+

Product data	Klüberlectric R 64-401
Article number	091055
Lower service temperature	-40 °C / -40 °F
Upper service temperature	120 °C / 248 °F
Appearance	transparent
Colour space	colourless
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	300 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	340 x 0.1 mm



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Product data	Klüberlectric R 64-401
Water resistance, DIN 51807 pt. 01, 3 h/90 °C, rating	<= 1 - 90
Specific resistance based on DIN 53482 (standard withdrawn ); electrode spacing: 0. 1 cm; grease quantity: 2 cm <sup>3</sup>	>= 1,0 x 10 <sup>14</sup> Ohm cm
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

## Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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