



Berulub FK-SU 2

Heat sink paste and grease for electrical contacts

9011801
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Description
<p>Berulub FK-SU 2 is a light grey and smooth grease used to lubricate and improve the conductivity of static and sliding contacts. As a heat sink paste Berulub FK-SU 2 ensures operational reliability and a quick heat transfer from the semiconductor to the cooling body.</p> <p>Berulub FK-SU 2 is resistant to aging and oxidation (will not resinify) - and has an excellent temperature resistance. Berulub FK-SU 2 can be applied manually, by brush or automatic application systems.</p> <p>The micro metal pigments contained in the grease cover the complete contact surface and ensure current passage. Thanks to the products good lubricating and corrosion protection properties the contact surfaces are kept smooth and functioning with a minimum of wear and spark formation.</p> <p>The size of the conducting metal pigments has been specifically selected to ensure perfect contact making with small lubricating film thicknesses.</p>

Properties

- **Service temperature**
- 20 °C to +130 °C
- **Reliable corrosion protection**
- **Reduces wear**
- **Resistant to oxidation**

Application
<p>To lubricate electrical contacts such as in relay switches, switches, relays, rectifiers, potentiometers, variable condensers, connecting sleeves for cables and contact rails, overhead lines, tracks, etc.</p> <p>Also very beneficial to current collectors and contact rails in galvanising plants and to static connections in welding machinery or robots.</p>

Thickener	Bentonite		
Unworked penetration	1/10 mm	240 - 270	DIN ISO 2137
Drop point	°C	n.m.	IP 396
Water resistance	evaluation grade	1 – 90	DIN 51 807 P1
Base oil	Mineral oil		
Kin. viscosity at 40 °C	mm ² /s	approx. 260	DIN 51 562
Kin. viscosity at 100 °C	mm ² /s	approx. 20	DIN 51 562

Characteristic data

- **NLGI grade 2 - 3***
- **Colour: Light grey**

(*)The indication refers to the unworked penetration

The above data correspond to latest technology, modifications reserved. This information is intended as a guide and does not necessarily represent a marketing specification. In individual cases tests have to be carried out by the consumer. Further data upon request.