

Technical Data Sheet

CALSIL PASTE T30

Brand	CALSIL
Market	Machinery & Equipment
Product name	CALSIL PASTE T30

1. Product Description

CALSIL PASTE T30 is a polydimethylsiloxanic silicone fluid containing Zinc Oxide as filler. This paste is has good thermal conductivity properties.

2. Key Properties

- **Good thermal conductivity properties**
- **Good thermal dissipation**
- Good consistency from -50 °C to +300 °C
- Chemically inert
- Good dielectric properties

3. Applications

- Protection of electrical circuits.
- Production of thermal seals for gauges and sensors.
- Sealing between resistors and metal parts in household electrical appliance.

Typical Properties (not for sales specifications, please contact us prior to writing sales specs)

Properties	Units	Values
Chemical composition		Silicone Paste
Colour		white
Minimum Temperature service	°C	-50
Maximum Temperature service	°C	+300
Penetration worked at 25 °C	mm/10	265 - 295
Melting point	°C	none
Relative density at 25 °C	kg/m ³	2200
Dielectric Constant at 1 kHz (ASTM D 150)		3.5
Dielectric strength kV/mm (ASTM D 419)		14.5
Power Factor 1 kHz (ASTM D 150)		4,9 . 10 ⁻³
Volume resistivity (ASTM D 257)	Ω cm	1. 10 ¹³
Thermal conductivity	W/mK	0.45

4. How to Use

It is recommended to be applied on clean and dry surfaces (degreased if necessary).

CALSIL PASTE T30 could be applied with a brush, with a paint brush, with a spatula or with a paste gun.

