

CALSIL Machinery & Equipment

PASTE 408 ES



1. Product Description:

Grease like compound containing a PMDS silicone fluid and inert filler

2. Key Properties

- Hydrophobic
- Can be used from -40°C to $+200^{\circ}\text{C}$
- Chemically inert.
- Good dielectric properties.

3. Applications

- Protection of electrical equipment.
- Protection against humidity and conductive dusts.
- Mould release for rubbers and plastics.
- Lubrication of small, slow mechanisms having to operate at extreme temperatures.

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

Properties	Units	Values
Colour		Translucent grey
Appearance		Paste
Worked Penetration	$1/10^6$ mm	270
Unworked Penetration	$1/10^6$ mm	230
Relative Density		1.02
Weight Loss	%	< 3
Bleed	%	< 0.5
Volume Resistivity	$\Omega\cdot\text{cm}$	1×10^{13}
Dielectric Strength	kV/mm	20
Dielectric Constant at 1MHz		2.5
Power Factor at 1MHz		3×10^{-3}

5. How to use

It is recommended to be applied on clean and dry surfaces (degreased if necessary). The product could be applied with a brush, with a paint brush, with a spatula or with a paste gun.

6. Safety Handling Information

Product Information relative to security, physical and health hazards are in the Material Safety Data Sheet (MSDS) supplied with the product or upon request.

7. Storage and Shelf Life

Expected to be 1 years in unopened containers when stored between +2 °C and +30 °C.

8. Packaging

5kg and 20 kg pails

9. Restrictions

This ingredient is solely proposed in industrial applications. It is not suitable to be used in cosmetic, medical, human injection, pharmaceutical or food applications.

10. Limited Warranty PLEASE READ CAREFULLY

The information herein is offered in good faith. It is believed to be accurate at the time of shipment.

It should not be used as a substitute for the customer's test, the customer bears the responsibility to ensure that the product matches the intended application is safe and achieves the desired benefits.

The product warranty is limited to the refund value of the purchase or the replacement only when it demonstrated that the product is out of the agreed sales specifications.

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For more information, please contact our nearest office

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