

# WACKER® SILICONE PASTE P 250

## SILICONE PASTE

### Product description

WACKER® SILICONE PASTE P 250 is opaque, of medium consistency and is slightly thixotropic.

### Properties

It has good insulating electrical properties, as well as good adhesion to metals and ceramic materials. WACKER® SILICONE PASTE P 250 coated parts exhibit excellent water repellency, resulting in a certain degree of protection against corrosion.

The low viscosity of the paste facilitates its use as an embedding compound, release agent or lubricant in some class.

### Application

- in applications involving movement of elastomers or plastics against metals
- lubricants for shut-off valves, control devices, joints
- release agents for compression molding, extruder die rings

- insulation for ignition systems (car electrics), protection against moisture, embedding of electronic components

### Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

### Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## Product data

Typical general characteristics	Inspection Method	Value
Appearance		colorless, opaque
Density at 25 °C, at 1013 hPa	DIN 51757	approx. 0,98 g/cm <sup>3</sup>
Consistency a) unworked penetration	DIN ISO 2137	220 - 270 1/10 mm
Consistency b) worked penetration (60 strokes)	DIN ISO 2137	255 1/10 mm
Solidifying point		approx. - 45 °C
Operating temperature range		- 40 to + 200 °C
Volatiles	FED-STD 791 M 321; 30 h / 200 °C	max. 2,8 %
Bleeding	FED-STD 791 M 321; 30 h / 200 °C	max. 2,5 %
Dielectric strength	DIN 53481	19 kV/mm
Dielectric constant (50 Hz)	IEC 60250	3,8
Dissipation factor (50 Hz)	IEC 60250	< 0,0003
Insoluble in		water, methanol, ethanol, glycerol, glycol
Soluble or dispersible in		methylene chloride, benzene, white spirit, petroleum ether, toluene, kerosene, ethyl acetate etc.

These figures are only intended as a guide and should not be used in preparing specifications.

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The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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