

POWERSIL® PASTE AP

SILICONE PASTE

Product description

Opaque to whitish paste of medium consistency, good values for electrical insulation, dielectric constant and dielectric strength.

Special features

- non-curing, with retention of pasty consistency
- water resistant, water repellent
- good electrical insulating properties
- good surface slip
- high dielectric strength

Application

- cable terminations
- sealant and lubricant

Processing

O-rings and elastomer mouldings are greased before

assembly in order to prevent damage or to ensure smooth running properties. In Transmission & Distribution Paste AP, for example, is used for the easy installation of Cable Ends or Cable Joints.

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		opaque to whitish
Density at 25 °C, at 1013 hPa		1,1 g/cm ³
Consistency a) unworked penetration	DIN ISO 2137	260 1/10 mm
Consistency b) worked penetration (60 strokes)	DIN ISO 2137	280 1/10 mm
Volatiles	FED-STD 791 M 321; 30 h / 200 °C	max. 5,0 %
Bleeding	FED-STD 791 M 321; 30 h / 200 °C	max. 4,0 %
Solidifying point		approx. - 45 °C
Operating temperature range		- 40 to + 200 °C
Dielectric strength	DIN 53481	20 kV/mm
Dielectric constant (50 Hz)	IEC 60250	3,7 ε _r
Dissipation factor (50 Hz)	IEC 60250	0,0003 tan δ
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.

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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For technical, quality, or product safety questions, please contact:

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