

PERMACOL® 2510 A/B**2-component heat conductive epoxy adhesive****Description**

Permacol® 2510 A/B is a 2-component epoxy adhesive with excellent heat conductivity. This adhesive has been developed to be conductive to heat only and not to electrically. For example it is used as adhesion medium on heat sinks.

Permacol® 2510 A/B is cold curing, therefore complete curing takes place at room temperature.

Important properties

- Heat conductive
- Electrical insulating
- Curing at room temperature
- Little shrinkage

Technical data

Mixing ratio A : B	: 100 : 100
Colour of the mixture	: White/greyish
Filling	: 60-70%
Viscosity A-comp	: 22 Pa.s
Viscosity B-comp	: 170 Pa.s
Pot life at 23°C	: ca. 5-10 min
Curing time at 23°C	: ca. 3 h
Curing completed 23°C	: 24 h
Density mixture	: 2,11 g/cm ³
Heat conductivity coefficient	: > 1 W.m.K
Volume resistivity	: > 10 ¹⁴ .cm
Expansion coefficient	: 95x10 ⁻⁶ m.K
Temp resistivity	: -30 to 140°C

Handling

Material may be irritating to the skin.

1. Surfaces have to be clean, dry and free of grease.
2. Bring the product out of the syringe into a cup and mix thoroughly.
3. Apply to one part and bring both parts together
4. Product needs to dry / cure.
5. Curing at 70°C is possible and will decrease the curing time.

Storage

Stored in well closed packaging, dry, at 10-25°C, the product has a shelf life of 6 months.

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Packaging

2 x 25ml double cartridge

2 x 500 ml tin

2 x 1kg tin

Other packaging on request.

EN – Legal Disclaimer

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