

PERMACOL® 2835 A/B**Electrical conductive adhesive**

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Product description

PERMACOL® 2835 A/B is 2-component silver filled electrical conductive adhesive, epoxy based.

This adhesive cures at relative low temperature and bonds good to different materials. After curing the adhesive is stable and obtains good resistance to moisture and heat.

PERMACOL® 2835 A/B is used when diversion of static electricity is needed.

PERMACOL® 2835 A/B is flexible and suitable for application on foil.

Technical data

Base	:	epoxy
Colour	:	grey
Viscosity after mixing (23°C)	:	65 Pa·s (paste)
Particle size	:	<50 > m
Mixing ratio	:	100 : 100
Application method	:	dispensing / screenprinting
Pot life (25°C)	:	1 - 2 h
Curing	20°C	48 h
	50°C	14 h
	70°C	8 h
	80°C	1 h
	100°C	30 min.
Volume resistivity	:	$\pm 3 \times 10^{-3} \text{ } \Omega \cdot \text{cm}$ (after curing at 50°C)
Hardness	:	70° Shore D

Curing at temperatures below 70°C obtains an increase of the volume resistivity.

To obtain a better electric conductivity, it might be useful to cure at an elevated temperature after room temperature curing.

Storage & shelf life

Store in cool dry conditions, at 20°C, 6 months (not mixed).

Depending on storage there might be some separation of the components. Therefore, A-comp. as well as B-comp need to be stirred thoroughly until a homogenous mass is achieved

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