Thermally conductive adhesive

– thermally conductive, electrically non-conductive adhesive
– two part epoxy resin adhesive, metaloxide filled
– fully replaces mechanical fastenings
– excellent function and application characteristics
– **to be stored at a cool and dark place**

WLK 5

art. no.	composition
WLK 5	5 g resin/0.5 g hardener

WLK 10

art. no.	composition
WLK 10	10 g resin/1 g hardener

WLK 30

art. no.	composition
WLK 30	30 g resin/3 g hardener

WLK 120

art. no.	composition
WLK 120	120 g resin/12 g hardener

	WLK
thermal conductivity	0.836 W/m·K
specific thermal resistance	1.2 m·K/W
temperature range	-56°C... +149°C
hardening time	20°C approx. 16-24h / 25°C approx. 8 h / 120°C approx. 20 min
volume resistance	10^{16} Ω/cm
glue layer	Epoxid
mixture proportion	10:1

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fischer elektronik

Thermally conductive adhesive

- solvent-free and thermal conductive two part adhesive
- epoxy based filled with aluminium oxide
- composition of hardener and resin (1:1) with statical mixing tube
- lockability of the container via Luer-Lock System
- good usage and working properties
- more package sizes and container types upon request
- store cool and dry

art. no.	basin	contents of delivery
WLK DK 4	syringe	1x 4 ml syringe / 3x mixer WLK M4
WLK DK 10		1x 10 ml syringe / 3x mixer WLK M4
WLK DK 50	cartridge	1x 50 ml cartridge / 3x mixer WLK M 50

	WLK DK
thermal conductivity	1 W/m·K
specific thermal resistance	118°C cm/W
temperature range	-50°C... +145°C
working life at room temperature	approx. 30 min
hardening time	60°C approx. 4 h/25°C approx. 16 h
volume resistance	$8 \cdot 10^{11}$ Ω/cm
glue layer	Epoxid
mixture proportion	1:1

Accessories

art. no.	contents of delivery
WLK M 4	10x mixer für 4 & 10 ml syringe (packing unit 10 pieces)
WLK M 50	10x mixer für 50 ml cartridge (packing unit 10 pieces)
WLK P	1x applicator gun for 50 ml cartridge

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Thermally conductive adhesive

– space networking thermal conductive glue made on silicone basis
– very good thermal conductivity
– mixing in ration 1:1 with static mixing tube
– hardening will be proceeded at room temperature
– wide range of temperatures
– store cool, dark and dry

art. no.	basin	contents of delivery
WLK SK 50	cartridge	1x 50 ml cartridge / 3x mixer WLK SK M

	WLK SK 50
version	2-component silicone thermal adhesive
colour	violet
density	2.8 g/cm^3
hardness	65 Shore A
thermal conductivity	2 W/m·K
temperature range	-60°C... +180°C
working life at room temperature	approx. 30 min
hardening time	25°C approx. 8 h / 50°C approx. 4 h / 85°C approx. 1 h
volume resistance	10^{11} Ω·m
dielectric constant	6.9 [1 KHz]
heat capacity	1 J/g·K
dielectric strength	10.8 kV/mm
Scherfestigkeit bei RT	1.4 MPa
class of inflammability	UL 94 V-0

Accessories

art. no.	contents of delivery
WLK SK M	10x mixer für 50 ml cartridge (packing unit 10 pieces)
WLK P	1x applicator gun for 50 ml cartridge

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