

Fluid GEL thermal conductive material



- two-part fluid gap filling material
- high dimensional stability after mounting
- automatic dispensation
- optimum balance of roughness and unevennesses
- to be stored at 25 °C room temperature, vertical standing with opening pointing downwards
- other delivery forms and container sizes upon request
- more package sizes and container types upon request
- store cool and dry

art. no.	basin	contents of delivery
GEL S 18	cartridge	1x 50 ml cartridge / 3x mixer GEL M 18
GEL S 18		
version	two-part fluid gap filling material	
colour	yellow/ white (A/B)	
density	2.7 g/cm ³	
hardness	50 Shore 00	
thermal conductivity	1.8 W/m·K	
mixture proportion	1:1	
viscosity	25 Pa·s	
temperature range	-60°C ... +200°C	
volume resistance	10 ¹⁰ Ω·m	
dielectric constant	6.4 [1 kHz]	
heat capacity	1 J/g·K	
dielectric strength	400 V	
durability	6 months @ 25°C	
working life at room temperature	60 min @ 25°C	
hardening time	300 min @ 25°C / 10 min @ 100°C	
class of inflammability	UL 94 V-0	
type of delivery	cartridge with additional mixers	

Accessories

art. no.	contents of delivery
GEL M 18	10x mixer für 50 ml cartridge (packing unit 10 pieces)
WLK P	1x applicator gun for 50 ml cartridge



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Fluid GEL thermal interface material



- two-component liquid gap filler material
- ceramic highly filled silicone elastomers and gels
- high heat dissipation and good insulation properties with low viscosity
- automatic dispensing option
- storage at 25 °C room temperature, vertically upright with the opening facing down
- other delivery forms and container sizes on request
- store in a cool, dry place

art. no.	basin		contents of delivery			
GEL S 20	cartridge		1x 50 ml cartridge / 3x mixer GEL M 50			
GEL S 30						
GEL S 40						
	GEL S 20	GEL S 30	GEL S 30	GEL S 40		
version	two-part fluid gap filling material					
colour	yellow	green	lila			
density	2.3 g/cm ³	2.94 g/cm ³	3.05 g/cm ³			
hardness	45 - 60 Shore 00	65 - 85 Shore 00				
thermal conductivity	1.8 W/m·K	3 W/m·K	4.3 W/m·K			
mixture proportion	1:1					
viscosity	45-70 Pa·s	50-80 Pa·s	55-85 Pa·s			
temperature range	-40°C... +200°C					
heat capacity	1 J/g·K					
dielectric strength	20 kV/mm	12 kV/mm	10 kV/mm			
durability	6 months @ 25°C					
working life at room temperature	20 min @ 25 °C					
hardening time	60 min @ 25 °C					
class of inflammability	UL 94 V-0					
type of delivery	cartridge with additional mixers					

Accessories

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



Fluid GEL thermal interface material



- fully curing one-component system
- very good thermal conductivity
- thicker and thinner layer thicknesses possible
- no bleeding, small compression force necessary
- automatic dispensable
- more package sizes and container types upon request
- store cool and dry

art. no.	basin	contents of delivery
GEL S 35 10	syringe	1x 10 ml syringe
GEL S 35	cartridge	1x 30 ml cartridge
GEL S 35		
version	one-part fluid gap filling material	
colour	pink	
density	3.2 g/cm ³	
thermal conductivity	3.5 W/m·K	
temperature range	-55°C ... +200°C	
volume resistance	10 ¹² Ω·m	
dielectric constant	7 [100 kHz]	
heat capacity	1 J/g·K	
dielectric strength	8 kV/mm	
durability	18 months	
class of inflammability	UL 94 V-0	
type of delivery	syringe/ cartridge	

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