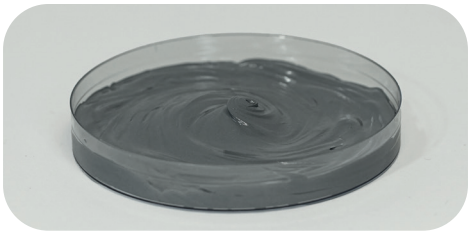
KP 97, 98, 99, 12 & 14
KERATHERM® Thermal Grease

Benefits

- Outstanding thermal performance
- Easy to apply
- Available in different packaging forms (syringe, cartridges, cans & hobbocks)
- Available as silicone and silicone free option
- Very low bond line thickness



Properties	Unit	97	98	99	12 silicone free	14 silicone free
Colour		white	grey	anthra-cite	silver	dark-grey
		← softy / pasty →				
Thermal Properties*						
DeltaT	°C	≤1.6	≤1.4	≤1.2	≤1.2	≤1.2
Thermal conductivity λ**	W/mK	5.0	6.0	9.2	10.0	10.0
Electrical Properties*						
Electrical conductivity (according to DIN 51412-1)	pS/m	0	0	0	53	0
Mechanical Properties						
Measured thickness (+/-10%)	mm	0.025	0.025	0.025	0.025	0.025
Physical Properties						
Application temperature	°C	-60 to +200	-60 to +200	-60 to +200	-60 to +150	-60 to +150
Density	g/cm³	2.1	2.2	1.9	1.4	2.2
Viscosity***	Pas	70 - 110	110 - 150	90 - 140	30 - 60	150 - 180
Total mass loss (TML)	Ma.-%	< 1.3	< 1.5	< 0.80	< 0.1	<0.25
Possible thickness	mm	← variable →				



KERATHERM® Thermal Greases are ceramic-filled single component silicones with a high thermal conductivity.

The thermal grease KP 99 is a high-quality thermal grease. The homogeneous thixotropic grease shows a very good fluidity thanks to its low viscosity characteristics, which leads to a good surface adaptation. The silicone free thermal compound KP 12 & KP14 consists of synthetic, thermal polymers and is suitable for a fast and effective heat dissipation. The paste is particularly suitable for silicone sensitive application. If any separation of the filler materials becomes evident, the KP´s must be mixed thoroughly before use according to the corresponding processing instructions.

Special packing on request!

* Measured @ thickness 0.025 mm ** reference value: old measurement method *** Shear rate 4.6s^{-1} / 25°C

Data for engineer guidance only. Observed performance varies in application. Engineers are reminded to test the material in application.