

KP 97, 98, 99, 12 & 14

KERATHERM® Thermal Grease

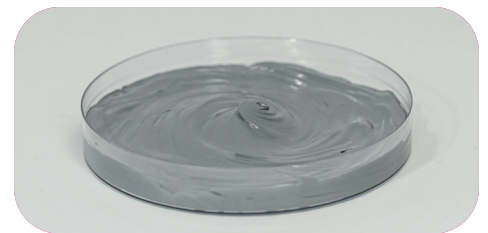
Benefits

- 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	
← softy/pasty →						
Thermal Properties*						
DeltaT	°C	≤1.6	≤1.4	≤1.2	≤1.2	≤1.2
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/cm ³	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 →				

* Measured @ thickness 0.025 mm *** Shear rate 4.6s⁻¹ / 25°C



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!



Note

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. KERAFOLE® is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. All specifications are subject to change without notice. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded. In case KERAFOLE® would be nevertheless held liable, on whatever legal ground, KERAFOLE®'s liability will in no event exceed the amount of the concerned delivery. All KERAFOLE® products are sold pursuant to the KERAFOLE®'s Terms and Conditions of sale and delivery in effect from time to time, a copy of which will be furnished upon request.

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