

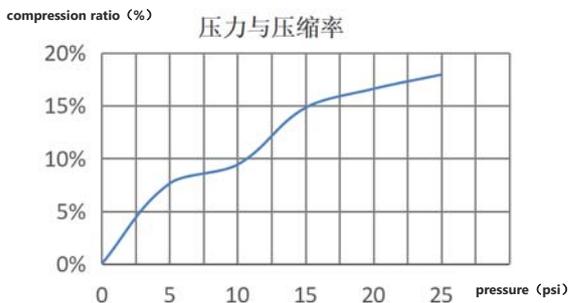


K-HC 100A is an ultra-soft thermal gasket reinforced with a single side of thermal silicon tape containing glass fiber. Due to its soft hardness, it can show less thermal resistance under low pressure, while excluding the air between the components and the circuit board, and fully fill all kinds of rough surfaces. The product is inherently sticky and resistant to puncturing and tearing.

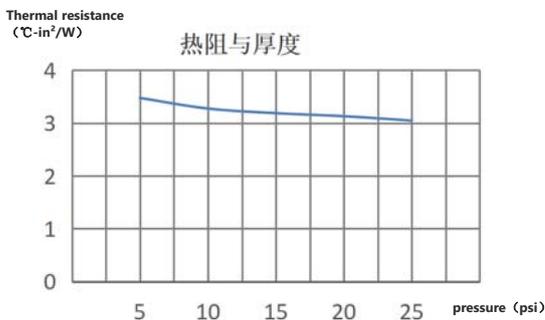
### peculiarity

- Heat conductivity = 1.0W/mk
- High adhesion, ultra-low hardness, suitable for low tightening pressure
- Fire protection meets V0, environmental protection meets ROHS requirements
- Resistance to puncturing, shearing and tearing

### Compression graph (2.0mm)



### Thermal resistance diagram (2.0mm)



## TDS

Symbol properties		
properties of products	test value	test method
colour	Grey + dark red	Visual
base material	Silicone tape	—
Thickness range(mm)	1.0 - 6.0	ASTM D374
density(g/cm <sup>3</sup> )	1.8±0.2	ASTM D792
hardness (Shore 00)	15±5	ASTM D2240
break down voltage (KV/AC)	≥8	ASTM D149
dielectric constant (1.2MHz)	≥5.5	ASTM D150
mass resistivity(Ω.cm)	≥1.0*10 <sup>13</sup>	ASTM D257
Continuous use Temp( °C )	-40 ~ 200	EN344
weight loss(%)	≤1	@180°C 4H
fire rating	V0	UL 94
heat conductivity coefficient (W/m-K)	≥1.0	ASTM D5470

Thickness tolerance ≤ 10% of product thickness

### typical application

communications industry

Computer and peripheral power converters

Between semiconductor or magnetic body and heat sink

An area where a frame, chassis, or other heat transmitter requires heat transfer

**OfferSpecification :** sheet, die cutting

**standard thickness mm:** 0.5, 1.0, 1.5, 2.0, 2.5, 3.0 Other thicknesses need to be customized;

**Parallel Deviation mm :** 200\*400, 300\*400, Other sizes need to be customized;

**storage condition :** temperature≤40°C , humidity≤70%RH;

**Note:** Please refer to the MSDS report for the safety data of the product.

The data in this paper are obtained under laboratory conditions. Due to the differences in the conditions of use, users need to refer to these data and conditions of use for analysis and testing. The company does not guarantee the sale of this product and the use of the company's products under specific conditions of the problem, does not assume any direct, indirect or accidental loss liability. Users can contact the technical service department across the company if they encounter any problems in the use process.

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