



3K Series Thermal Tape Introduction

1、 Double sided thermal conductive tape is compounded by thermal conductive ceramic powder and silicone adhesive. It has high conductivity, insulation, good flexibility, compressibility, and strong viscosity properties. With adaptability to high temperatures, it can fill uneven surface and tightly bonded to heat source component and heat sink to discharge heat quickly. It plays an important role on electronics, LED lighting, and LED TV industry.

2、 It's very convenient for adhesion heatsink and heat generating devices, just put double sided thermal conductive tape between heating source and heat sink, press it, heat sink is firmly fixed on heating source component, it's simple, convenient and improve production efficiency. Cooling effect is obviously better than other thermal sticker, it greatly longer life of device and that's the preferred choice for heat conductive electronic products.

3、 High and stable thermal conductivity, it's life is longer than other cooling sticker. It can work at least 5 years

4、 Configurations: 1040MM*50M; Thickness: 0.15~0.5mm; Can be die cut into specific size.

Application: Electronics, LED lighting, metal industry, printing industry and other industries.

Product name	3KB thermal tape					
型号 Model	3KB-15	3KB-20	3KB-25	3KB-30	3KB-40	3KB-50
胶带类型 Adhesive type	亚克力 Arctic					
Carrier	玻纤 Fiberglass					
蓝膜 Blue film	0.08mm					
卷材长度 Length	25M/50M	25M/50M	25M/50M	25M/50M	25M/50M	25M/50M
卷材宽度 Width	1030mm Remark: we can custom the width according to request					
胶黏层厚度 Thickness	0.15mm	0.2mm	0.25mm	0.3mm	0.4mm	0.5mm
胶带总厚度公差 Tolerance	0.15mm±10%	0.2mm±10%	0.25mm±10%	0.3mm±10%	0.4mm±10%	0.5mm±10%
180. 剥离力 (PSTC 101) (N/25mm) 180. peel force	>13	>14	>15	>16	>17	>18
Temperature resistance						
长期 °C (T) Long time	120 (248)	120(248)	120(248)	120 (248)	120 (248)	120 (248)
短期 °C (T) Short time	180 (356)	180(356)	180(356)	180 (356)	180 (356)	180 (356)
保持力 Holding force (PSTC-7) (小时) (1公斤/英寸/25°C)	>48	>48	>48	>48	>48	>48
接着力 Adhesive force (kg/inch)	1.1	1.4	1.4	1.4	1.5	1.5
耐电压 (千伏) Breakdown voltage KV	1	1.5	3	4	6	7
初粘力 Initial adhesion (kg/inch)	0.6	1.3	1.3	1.3	1.3	1.5
导热性能 (W/m-k) (ASTM D22470)	1	1	1	1	1	1
使用温度范围 Operating temperature	-20°C ~ +120°C					

