NKS 系列导热双面胶带

NKS Series Thermally Conductive Adhesive Tape

NKS 系列导热双面胶由先进的导热压敏胶制作而成，满足高附着强度和极好导热效率的要求，为电子机械元件中发热元件和散热器或其他冷却设备之间提供了更好的导热途径。

NKS series Thermally Conductive Adhesive Tapes are made of advanced thermal conductive PSA. They satisfy the demand of high adhesion and excellent thermal conductive efficiency by providing a preferential heat-transfer path between heat-generating components and heat sink or other cooling devices.

主要特点 Key Features:

● 高粘性导热压敏胶，通过压合即可达到极佳的贴合和导热效果。

★ High tacky thermal conductive PSA. Only pressure is needed to form an excellent bond and thermal interface.

● 兼具导热、绝缘、缓冲、高粘等性能，是相关电子产品应用的最佳选择。

★ The performance of thermal conductivity, insulation, buffer and high tacky make it as the best choice for electronic application.

● 柔软易贴，适用于不平整表面机构之组装。

★ Flexible and conformable. Ideal for uneven surfaces.

● 稳定、经济，有不同的厚度和结构可选择。

★ Stable and economical with different thicknesses and constructions.

应用领域 Application Ideas:

● LED 光条元件和金属边框的组装。

★ Assembly of LED light bar module and metal frame bezel.

● **DDR-RAM** 模组与散热器的组装。

★ Assembly of DDR-RAM module and heat sink.

● 电子元件：IC，COP, CPU,MOS 等

★ Electronic components: IC, COP, CPU, MOS, etc.

● M/B, PS, PCB, LCD, PDP , PC 等

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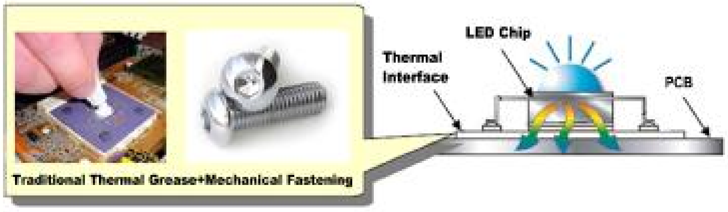
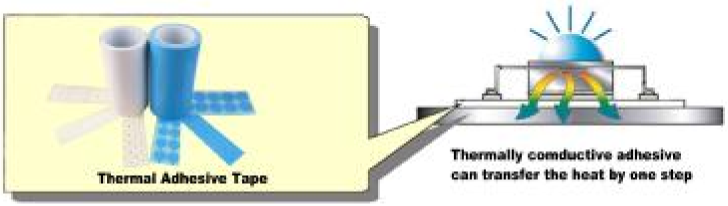
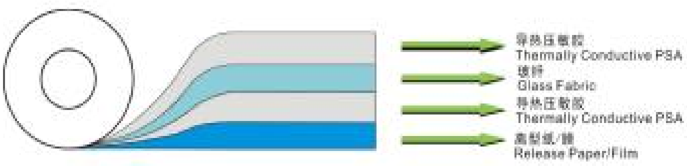




产品结构 Product Construction:

NKS-## Series



NKS-##N Series

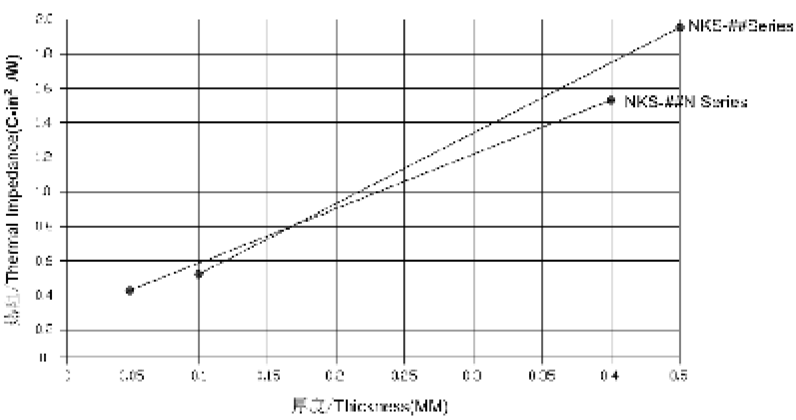
性能参数 Physical Properties:

型号 Item	NKS-##	NKS-##N	测试方法 Test Method
基材 **Carrier**	玻纤 Glass Fabric	无 N/A	---
胶性 **Adhesive**	导热压敏胶 Thermally Conductive PSA	导热压敏胶 Thermally Conductive PSA	---
总厚度（mm） **Total thickness（mm）**	0.10~0.50	0.05~0.40	ASTM D374
颜色 **Color**	白色 White	白色 White	VISUAL
离型层 **Release Liner**	蓝色 PE 膜 Blue PE Film	白色离型纸 White Release Paper	VISUAL
粘着力(N/25mm) **Adhesion (N/25mm)**	12~18	12~18	PST-101
导热系数(W/m-k) **Thermal Conductivity(W/m-k)**	1.2	1.2	ASTM D22470
耐电压(KV/mm) **Voltage Resistance(KV/mm)**	3.5~8.0	3.5~8.0	ASTM D149
短期耐温（℃/℉） **Temperature Resistance(Short Term, ℃/℉）**	120(℃) 248(℉)	120(℃) 248(℉)	EN344
长期耐温（℃/℉） **Temperature Resistance(Long Term, ℃/℉）**	80(℃) 176(℉)	80(℃) 176(℉)	EN344
标准宽度（mm） **Standard width（mm）**	2~1030（可定制） 2~1030(Customized Available)		
标准长度（m） **Standard length（m）**	25/50（可定制） 25/50(Customized Available)		

注：以上数据仅作参考，详细资料可咨询我司。

Notice: The above were reference value. For detail information, please contact Naikos.

厚度与热阻关系图 Thickness VS Thermal Impedance



说明： 我司另有铝箔、铜箔、聚酰亚胺等基材制成的导热胶可供客户选择，并可根据客户要求的规格订做加工。欢迎新老客户免费咨询。

Note: Naikos also has thermal tapes with carrier of aluminum foil, copper foil and polyimide film, etc. Customized specifications are available.