

# RH-BP100

## 导热双面胶

Thermal conductive adhesive

### Features and Benefits

#### 特点与优势

✦ For dimensional stability and improved handling with ease of die cutting and laminating.

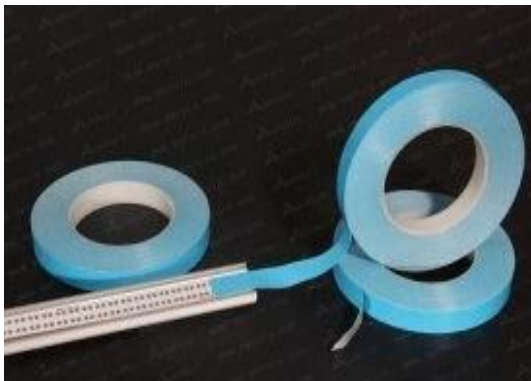
良好的尺寸稳定性，能有效改善与处理模切与贴合。

✦ The high adhesion adhesive provides excellent adhesion to a variety of surfaces.

高粘性为各种各样的表面提供优异的附着力。

✦ Good resistance to temperature, thermal conductivity, insulation properties

良好的耐温、导热、绝缘性能



RH-BP100 The base material free thermal conductive double-sided adhesive is composed of acrylic polymer filled with thermal conductive ceramic powder and organic silica gel adhesive. It has the characteristics of high thermal conductivity and insulation, flexibility, compressibility, adaptability and strong viscosity. It can be used in a wide temperature range and can fill the uneven surface. It can closely and firmly adhere to the heat source device and heat sink, and conduct the heat quickly. RH-BP100 无基材导热双面胶是由压克力聚合物填充导热陶瓷粉末，与有机硅胶粘剂复合而成。具有高导热和绝缘的特性，并具有柔软性、压缩性、服帖性、强粘性。适应温度范围大，可填补不平整的表面，能紧密牢固地贴合热源器件和散热片，将热量快速传出去。

The above suggestions and data are based on information that we believe to be reliable. Therefore, these suggestions and data are only for reference, not as product guarantee. It is up to the customer to decide whether the product is suitable or suitable for special use. We recommend that users first determine the suitability of our materials and recommendations before using them in large quantities.

以上建议及数据均来自我们认为可靠的资料。因此这些建议及数据仅供参考，而不作为产品保证。应由客户决定产品是否合适或适用特殊用途。我们建议用户在大量使用前，首先确定我们的材料适用性和建议。

### RH-BP100

Property	Parameter	Unit	Test Method
Color 颜色	白色 white	--	Visual
Adhesive 胶水	Acrylic	--	--
Base Material 基材	--	--	--
Thermal Conductivity 导热系数	1.0	W/m.k	ASTM D5470
Dielectric Brekdown Voltage 击穿电压	3	KV	ASTM D149
Thickness 厚度	0.025-0.5	mm	ASTM D374
Adhesion to Stainless steel 180°剥离力: 不锈钢板 0.5H 常温	≥0.5-1.8	Kgf	ASTM-D3330
Adhesion to PC 0.5H RT 180°剥离力: PC 板 0.5H 常温	≥0.6-1.9	/25.4*25.	ASTM-D3330
Adhesion to PC 0.5H RT 180°剥离力: PC 板 24H RT	≥0.8-2.0	4	ASTM-D3330
Viscous force 初粘性(球号)	2	#	ASTM-D3330
Temperature resistance 常温保持力 (1 inch)	4	H	ASTM D3654
Working Temperature 工作温度	80	°C	Long Term 长期
	120	°C	Short Term 短期
RoHS/REACH	Compliance	--	--

使用 ASTM D5470 测试夹具,记录值包括界面热阻,数值仅供参考。实际应用性能到所施加的表面粗糙度、平整度和压力。注:厚度公差:±10%, 硬度公差:±5%, 颜色/厚度/硬度均可按顾客需求测试。

### Applications

#### 典型应用

- ✦ LED television and lighting LED 电视和照明设备
- ✦ Electronic appliances 电子电器
- ✦ Hardware industry 五金行业
- ✦ Printing and manufacturing industry 印刷制造行业

### Configurations Available

#### 产品规格

- ✦ Coil products: 1050mm \* 50M / 100m (t0.025-t0.30); 1000mm \* 50m (≥ t0.38)  
卷材产品: 1050mm\*50M/100M (T0.025-T0.30) ; 1000mm\*50M (≥T0.38)
- ✦ Die-cutting products: according to customer requirements  
模切产品: 依照顾客要求

Storage & Transportation: store in a ventilated, cool and dry place, do not contact with open fire. This product is non-toxic and is stored and transported as non dangerous goods.

储存&运输: 贮存于通风、阴凉、干燥处, 不要接触明火。本产品无毒, 按非危险品贮存及运输。

Safety: please refer to material safety performance data (MSDS) of our company

安全: 请参阅本公司《材料安全性能数据 (MSDS)》

Period of validity: Form 12 months from date of manufacture when stored in original cartons at 10-25 °C and 30-70% relative humidity.

有效期: 原封包装 12 个月, 在温度为 10-25°C、30-70%RH 贮存条件下。