

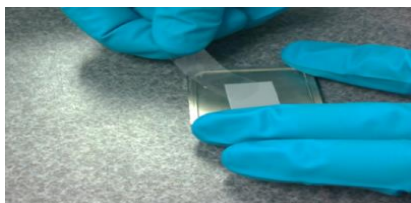
## Slim TIM™ and IceKap™ Directions for Use Slim TIM™和IceKap™使用指南

### Purpose 目的:

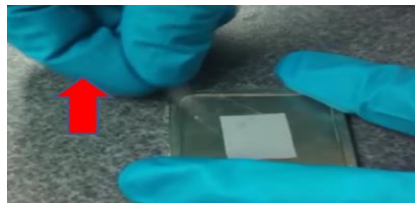
- To manually apply Slim TIM™ or IceKap™ products to a substrate for property evaluation in a lab environment.
- 适用于在实验室环境中手动将 Slim TIM™ 或 IceKap™ 产品装到基板进行性能评估。

### Application Instructions 使用说明:

- Ensure to maintain a clean environment free of dust and other particulates. Use gloves when handling the product. Clean the surface of the heat sink or desired surface with alcohol or acetone. Cut the product sample to desired shape, sharp scissors work well. Remove the top liner of the product first. Place the material face down onto the heat sink or desired surface as if applying a sticker. Force any potentially trapped air out from under the pad by rubbing the remaining liner with moderate finger pressure. Starting at one edge and working to another is helpful. Remove the bottom liner by peeling from a corner either by hand or, if necessary, by using tweezers. Do NOT remove liner by pulling back on itself, instead pull liner directly upwards.
- 确保工作环境干净无尘。接触材料时请使用手套。使用酒精或丙酮清洁散热器或目标材料表面。可使用剪刀把样品裁切成所需的形状。先撕下样品的顶层离型膜（带商标的那面）。把样品面朝下放置到散热器或目标材料表面，就像粘贴贴纸一样。用手指适度按压带离型膜的样品，将样品和接触面之间的空气尽可能的排出来。推荐从一条边缘开始，移动到下一个。用手从样品边角处撕掉底层离型膜，如果需要的话使用镊子。不要向后撕拉离型膜，而是直接向上拉。
- For best results, cut a small piece of office tape and apply the tape onto the corner of the pad at a 45° angle. Use finger pressure to slightly press on the tape to ensure a good adhesion to the liner. Remove the bottom liner by pulling up on the tape. Do NOT remove liner by pulling the tape back on itself; instead pull the tape directly upwards. (See photos below and / or video a <https://pm.lairdtech.com/resources/videos/tape-and-peel-instruction>)
- 为了获得最佳效果，剪一块办公胶带，把胶带一端 45 度角贴在材料的边角处。用手指轻压胶带以确保胶带粘在材料的离型膜上。借助胶带撕下材料的第二层离型膜。不要向后撕扯胶带，而是垂直向上拉。（参见下图和 <https://pm.lairdtech.com/resources/videos/tape-and-peel-instruction> 网站的视频）



**Adhere the tape at 45° angle**  
以45°角粘贴胶带



**Pull the tape straight upwards**  
垂直向上拉胶带



**DO NOT peel the tape back on itself**  
不要向后撕扯胶带



## Melt in (for IceKap™ only) 预加热（只适用于 IceKap™ 产品）

- Please refer to IceKap™ Data Sheet for recommended melt-in procedures (temperature and pressure conditions).
- 预加热步骤（温度和压强条件）请参见 IceKap™ 产品规格书。

## Rework and Clean up 再加工和清洁

- Slim TIM™ and IceKap™ products allow for removal of the heat spreader/sink at room temperature. Once parts have been separated, scrape away any large residual material amounts with a plastic spatula or a wooden tool however using a clean dry rag to wipe away residual material also works well. Clean any remaining residue with alcohol or acetone. Do not start with a solvent as this will only smear the material making clean up more difficult.
- Slim TIM™ 和 IceKap™ 产品可以在室温下和散热器/散热片剥离。一旦材料被剥离下来，可用塑料刮刀或木制工具刮去大块的残留物质，或者也可以用干净的布擦去较大的残留物质。接下来用酒精或丙酮清理余下的残留物。不要直接使用溶剂，因为这样会将材料弄得到处都是，使清洁更困难。

Revision	Change Description	Date	Requested By
A	Initial Release	January 10, 2017	T. Karwan
B	Title Change in ARAS No Document Changes	January 31, 2017	T. Karwan
C	Update Peel & Stick Application Instructions	6/19/2019	T. Karwan