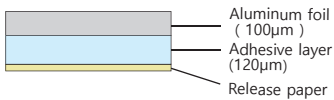


### Thin and flexible heat spreading sheet for superior thermal management

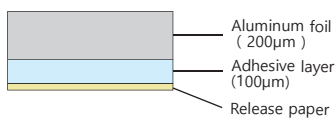
#### Features

- Aluminum heat spreader material with excellent thermal conductivity. (221 W/m·K)
- Spreads heat away from hot spots to cooler areas to prevent components from overheating.
- Optional electrically insulating mylar (PET) layer can be applied upon request.
- Ideal thermal solution for hot spots on space conscious applications such as mobile devices, tablets, routers, video streaming devices, etc.

HSD-0.22



HSD-0.30

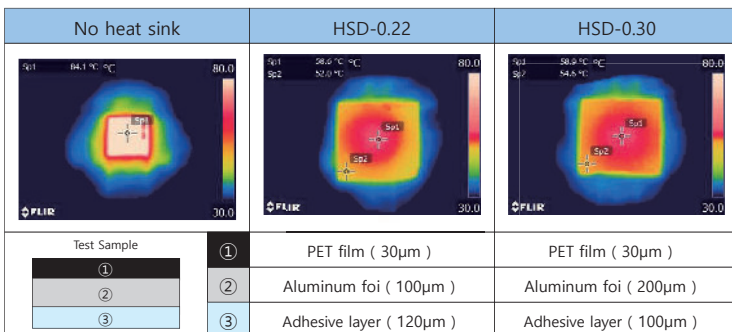


( The values below are not guaranteed. )

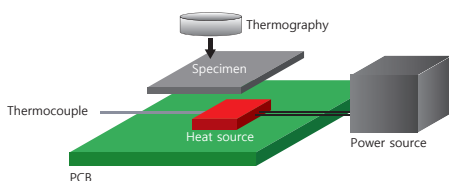
| Test type                    | Unit   | Standard                       | HSD-0.22       | HSD-0.30 |
|------------------------------|--------|--------------------------------|----------------|----------|
| Surface Thermal Conductivity | W/m·K  | JIS R 2616 ( Hot-wire method ) | 221(aluminum ) |          |
| Thickness                    | mm     | —                              | 0.22           | 0.30     |
| Adhesion                     | N/25mm | JIS Z 0237:2009                | >16            | >11      |
| Flammability                 | —      | UL                             | —              | —        |
| Operating temp               | °C     | —                              | -20 ~ 100      |          |

### Heat Dissipation Effect

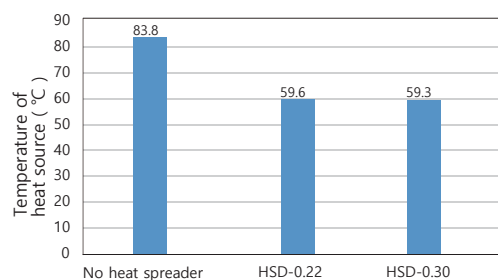
#### heat distribution



#### Testing method



#### HSD Series Heat Dissipation Effect



<Test conditions>  
 Heat source : □25mm(1.5W)  
 Specimen dimensions : □50mm