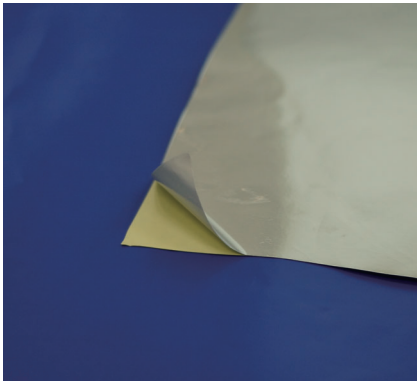


# HEAT SPREADER SHEET / HSD

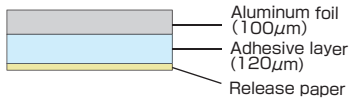


Thin and flexible heat spreading sheet for superior thermal management

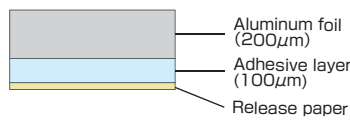
### Features

- 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

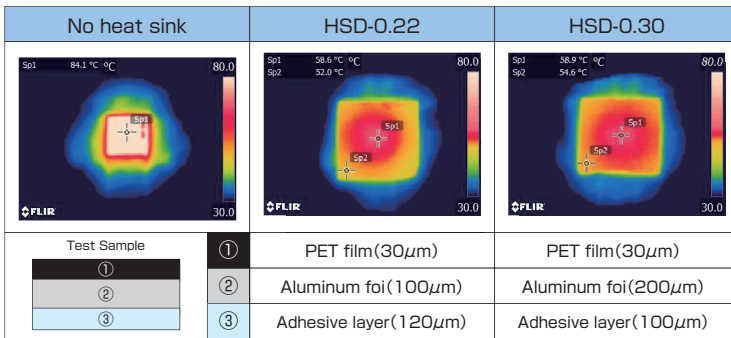


(The values below are not guaranteed.)

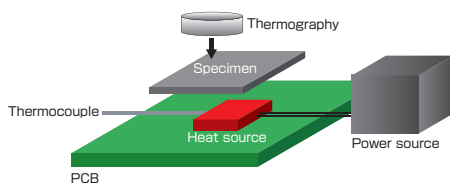
Test type	Unit	Standard	HSD-0.22	HSD-0.30
Surface Thermal Conductivity	W/m·K	JIS R 2616 (Hot-wire method)	221 (aluminum)	
Thickness	mm	—	0.22	0.30
Adhesion	N/25mm	JIS Z 0237:2009	>16	>11
Flammability	—	UL	—	—
Operating temp	°C	—	-20~100	

## Heat Dissipation Effect

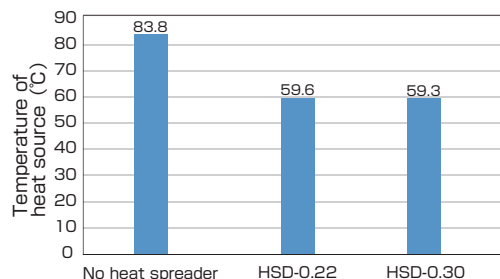
heat distribution



## Testing method



## HSD Series Heat Dissipation Effect



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