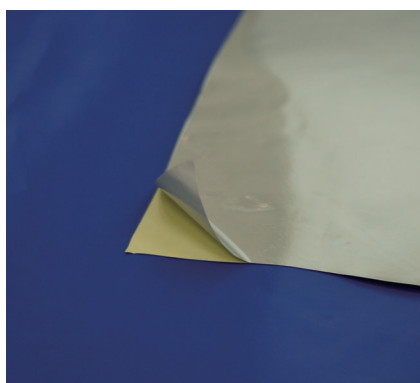


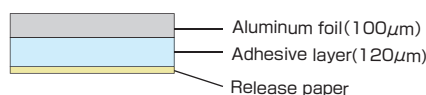
HEAT SPREADER SHEET / HSD

Thin and flexible heat spreading sheet for superior thermal management

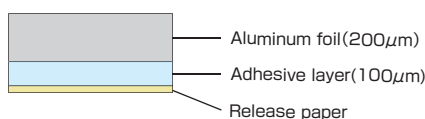
Features

- 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



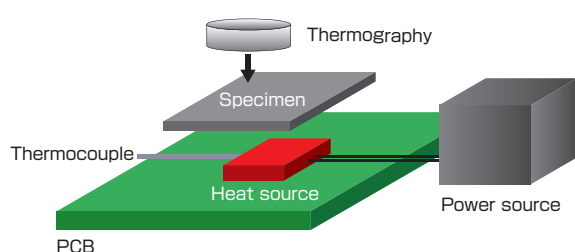
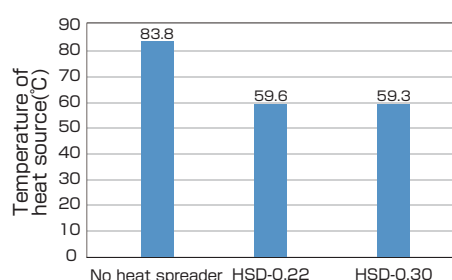
(The values are measured values, but not the product specifications or guaranteed.)

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

Heat Dissipation Effect

heat distribution

No heat sink	HSD-0.22	HSD-0.30
Test Sample	① PET film(30μm)	PET film(30μm)
②	Aluminum foil(100μm)	Aluminum foil(200μm)
③	Adhesive layer(120μm)	Adhesive layer(100μm)

Testing method**HSD Series Heat Dissipation Effect**

<Test conditions>

Heat source : □25mm(1.5W)

Specimen dimensions : □50mm