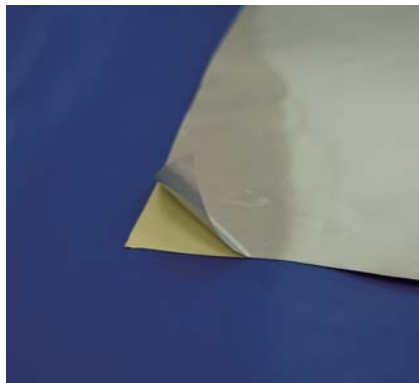


HEAT SPREADER SHEET / HSD

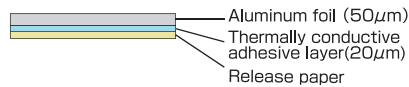


Thin and flexible heat spreading sheet for superior thermal management

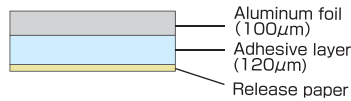
Features

- HSD has 221W/m·K in thermal conductivity property which transfer heat in the X-Y axes.
- Flexible material suitable for uneven surfaces with various thicknesses available.
- Electrically insulating bonded layer (PET film, thermal conductive sheet) is available upon request.
- Ideal thermal solutions for hot spots on space conscious applications, such as mobile devices, tablet, and routers.

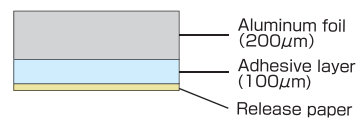
HSD-0.07



HSD-0.22



HSD-0.30

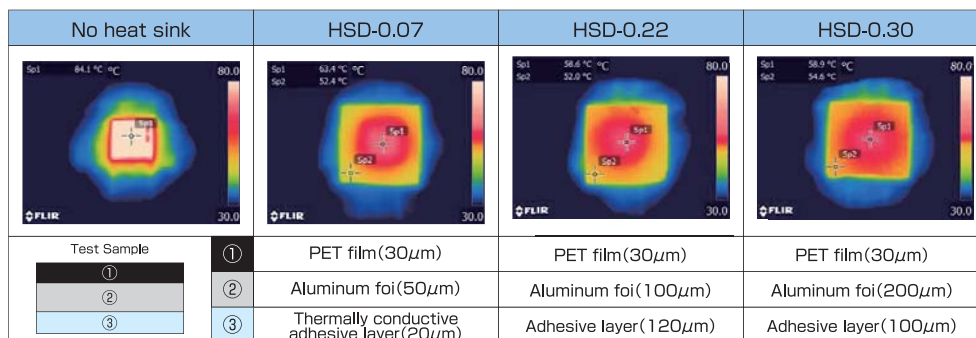


(The values below are not guaranteed.)

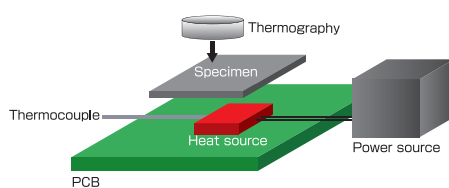
Test type	Unit	Standard	HSD-0.07	HSD-0.22	HSD-0.30
Surface Thermal Conductivity	W/m·K	JIS R 2616 (Hot-wire method)		221 (aluminum)	
Thickness	mm	—	0.07	0.22	0.30
Adhesion	N/25mm	JIS Z 0237:2009	>6	>16	>11
Flammability	—	UL94	UL510equivalent	—	—
Operating temp	°C	—		-20~100	

Heat Dissipation Effect

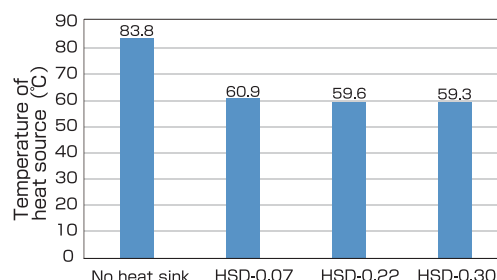
heat distribution



Testing method



HSD Series Heat Dissipation Effect



<Test conditions>

Heat source : □25mm(1.5W)

Specimen dimensions : □50mm