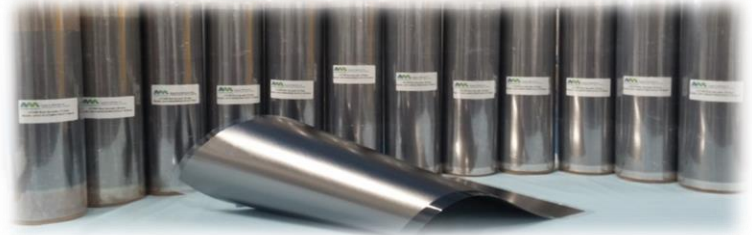








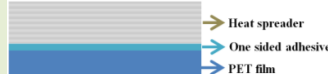


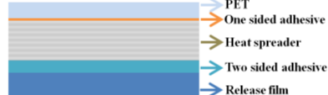


PRODUCT OVERVIEW

AT1500 Heat Spreader

Standard series (40, 25, 17um)



Type		AT1500-17	AT1500-25	AT1500-40
Available Structure*	F	 → Heat spreader ❖ Free standing sheets, flexible, high thermal conductivity;	 → Heat spreader ❖ Free standing sheets, flexible, high thermal conductivity;	 → Heat spreader ❖ Free standing sheets, flexible, high thermal conductivity;
	L	 → Heat spreader → Release coating → PET film ❖ With backing material on one side;	 → Heat spreader → Release coating → PET film ❖ With backing PET on one side;	 → Heat spreader → Release coating → PET film ❖ With backing PET on one side;
	LP	 → Heat spreader → One sided adhesive → PET film ❖ With backing material on one side, weak bonding;	 → Heat spreader → One sided adhesive → PET film ❖ With backing material on one side, weak bonding;	 → Heat spreader → One sided adhesive → PET film ❖ With backing material on one side, weak bonding;
	LX	 → PET → One sided adhesive → Heat spreader → Two sided adhesive → Release film ❖ With insulating material on both sides;	 → PET → One sided adhesive → Heat spreader → Two sided adhesive → Release film ❖ With insulating material on both sides;	 → PET → One sided adhesive → Heat spreader → Two sided adhesive → Release film ❖ With insulating material on both sides;
Thickness (μm)		17±3	25±3	40±5
Standard Size (cm×cm)		23×23	23×23	23×23
Available Size** (cm×cm)		23×23	Standard sizes, 17×29, 19×43, 20×44, 22×46	23×23
Customized Size		Available	Available	Available
Density (g/cm ³)		2.0±0.2	2.0±0.2	2.0±0.2
Thermal Diffusivity (in plane, mm ² /s)		>800	>800	>800
Thermal Conductivity (in plane, W/m.K)		1500-1700	1500-1700	1500-1700
Thermal Conductivity (through plane, W/m.K)		3-5	3-5	3-5
Specific Heat Capacity (J/g. K)		0.85	0.85	0.85
Electrical Conductivity (in-plane, S/cm)		>12,000	>12,000	>8,000
Operating Temperature (°C)		-40~400	-40~400	-40~400

*Please contact AMI for other lamination type product;

**Sizes in stock subject to change without notice, please ask factory for the current available sizes.

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