

EVSF1200

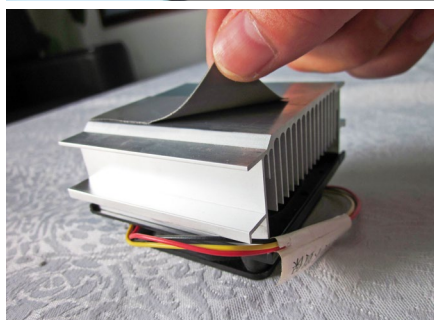
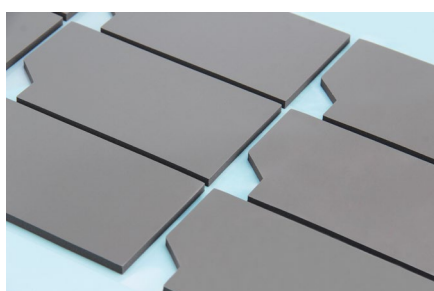
TDS AS OF 07/18/2025

Silicone Thermal Pad

【Product Description】

EVSF1200 silicone-based thermal pad are used for filling the two contact surfaces. They are ultra-soft and have good resilience, so effectively exclude air from the contact interface. The products are naturally tacky, can be die-cut into various shapes, easy to operate.

【Product illustration】



【Features and Benefits】

- High Thermal Conductivity
- Excellent Flame Retardant
- Good Flexibility and Resilience

【Applications】

- CPU/GPU Chips
- Control Boards
- Memory/Graphics Memory Modules

【Product Specifications】

200X300 mm or die-cut parts

【Storage & Transportation】

Store in a well-ventilated, cool, and dry place, away from open flames. This product is non-toxic and should be stored and transported as a non-hazardous material.

【 Packaging 】 Customized packaging according to customer requirements.

【Shelf Life】 24 months

Properties	Unit	EVSF1200	Test Method
Color	-	Gray	Visual
Thermal Conductivity	W/mK	12.0	ASTM D5470
Thermal Impedance (1mm,@30psi)	°C*in ² /W	0.15	ASTM D5470
Thickness	mm	0.8 - 5.0	ASTM D374
Standard Hardness	Shore 00	40/60	ASTM D2240
Customized Hardness	Shore 00	30 - 80	ASTM D2240
Tensile Strength	psi	10	ASTM D412
Density	g/cm ³	2.9	ASTM D792
Dielectric Strength (@AC)	kV/mm	> 6	ASTM D149
Dielectric Constant (@1MHz)	-	12.0	ASTM D150
Volume Resistivity	Ω·cm	1*10 ¹²	ASTM D257
Operating Temp.	°C	-50 - 125	-
Flame Rating	-	V-0	UL94
RoHS	-	PASS	IEC 62321
Halogen	-	PASS	EN 14582
REACH	-	PASS	EN 14372

All of the above suggestions and data are from information we believe to be reliable. Although provided in good faith, we are unable to control the use conditions and methods of the product, and we cannot make any suggestions for the application of compatibility. Therefore, these suggestions and data are for reference only and not as a product guarantee. At any time, it is up to the user to decide whether their production line can be used effectively. It is up to the buyer to decide whether the product is suitable or suitable for a particular use. Product quality or suitability is not guaranteed for any particular use. We recommend that potential users first determine our material suitability and recommendations before using them in large quantities.