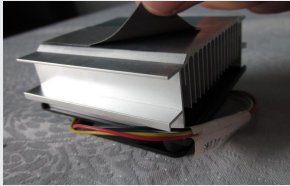
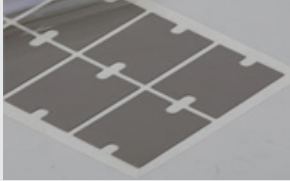


## Technical Data Sheet

EVSF1300 thermal pads 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, and are easy to operate. The thermal conductivity can reach 13.0 W/mK.



### Material Properties

- High thermal conductivity
- Excellent flame retardant
- Good electrical insulation performance
- Good flexibility and high compression ratio

### Applications

- ✓ Semiconductor heat sink
- ✓ Vehicle navigator
- ✓ Communication & power equipment
- ✓ LED lighting equipment
- ✓ Graphics card, memory module
- ✓ LCD and plasma TV



# EVSF1300

Color	Gray	Visual
Thickness	1.0 - 5.0mm	ASTM D374
Specific Gravity	3.20g/cm <sup>3</sup>	ASTM D792
Thermal Conductivity	13.0 W/mk	ASTM D5470
Hardness(Shore 00)	30-70	ASTM D2240
Standard Hardness(Shore 00)	40 +- 10	ASTM D2240
Elongation	---	ASTM D412
Breakdown Voltage Strength	>6000V/mm	ASTM D149
UL Flammability Rating	V-0	UL94
Volume Resistivity	10 <sup>12</sup> Ω.cm	ASTM D257
Operating Temperature	-40 - 100°C	---
Thermal Resistance(1mm,@30psi)	0.13°C*in <sup>2</sup> /W	ASTM D5470
Compression Ratio(1mm,@30psi)	30% - 5%	---
Dielectric Constant MHz	---	ASTM D150
RoHS	PASS	IEC 62321
Halogen	PASS	EN14582
REACH	PASS	EN14372
Standard Sheet Size	200 x 300mm	
<i>(Note: Other sheet sizes may be available upon request.)</i>		

Test fixtures using ASTM D5470. Recorded values include interface thermal resistance. These values are for reference only. The actual application performance is directly related to the applied surface roughness, flatness and pressure.

## CR Technology, Inc

📍 55 Chase St. Methuen,  
Massachusetts 01844

✉ sales@crtechinc.com

☎ 978.681.5300

**Note:** The information provided herein is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application. All test data is typical. Therefore, these recommendations and data are for reference only and not as a product warranty.