EverTherm™

Technical Data Sheet

EVSE60 is aone-component silicone-based thermal gap filler material with high thermal conductivity, low interface thermal resistance and good thixotropy. It is an ideal material for applications with large gap tolerances. It is filled between the electronic components that need to be cooled and the radiator/case, etc., to make them come in close contact, reduce thermal resistance, and quickly and effectively reduce the temperature of the electronic components, thereby extending the life time of the electronic components and improving their reliability. EVSE60 can be painted manually or by automated dispensing equipment.

Applications

- ✓ Hard disk, mobile phone
- ✓ Optical precision equipment
- ✓ Laptop
- ✓ Mobile and communication equipment
- ✓ Automobile engine control equipment
- ✓ High-end industrial control and medical electronics

EVSE60

Product performance	Test Results	Testing method
Color	Gray	Visual
Extruded speed (30ccEFDcartridges1"orifice90psi)	15±5g/min	ASTM D2240
Density	3.38g/cm3	Helium true density method
Minimum combination Thickness	0.15mm	--
Operating temperature	-50~150	--
Flammability	V-0	UL 94
Excessive gas	< 0.5%	ASTD E595
Volume Resistance	>1014Ωcm	ASTM D257
Thermal conductivity	6.0W/m.K	ASTM D5470
Thermal resistance	0.03 *in2/W	ASTM D5470
Dielectric breakdown strength @AC	>8000V	ASTM D149
Dielectric constant	6.0	ASTM D150
RoHS	PASS	IEC 62321
Halogen	PASS	EN14582
REACH	PASS	EN14372

Our products have passed 1000 hours cold and hot shock test,1000 hours double 85 test,1000 hours high temperature aging test. CRT is committed to providing the most reliable heat conduction solutions for automobile, communication, security and other industries.

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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.