

Graphite Film Quick Reference Guide

Product Description


EverTherm EVSR Graphite Sheet Series is a synthetic graphite film with a unique layered structure and crystal orientation with super-conductivity in the planar direction. This high performing versatile material is wrapped with a white PET film which can be converted or cut into various shapes.

Graphite Film sheet

Grade	EVSR600-A-B	EVSR600-A-P	EVSR600-A-W
Item	Test	Test	Test
Protective film color	Black		White
Total thickness (mm)	0.06±0.003	0.17±0.003	0.065±0.003
Graphite substrate thickness (mm)	0.025	0.025	0.025
Ingredient	Black PET film、 Artificial graphite	PET film、 Artificial graphite、 Foam	White PET film、 graphite
Insulating adhesive tape	Yes		Yes
Density (g/cm ³)	1.7~2.0	1.7~2.0	1.7~2.0
Thermal Conductivity @XY(W/m.k)	1500	1500	1500
Thermal Conductivity @Z(W/m.k)	>30	>30	>30
Heat (J/g.k)	0.85	0.85	0.85
Proper temperature (°C)	-40 to 130	-40 to 130	-40 to 130
RoHS	PASS	PASS	PASS
Halogen	PASS	PASS	PASS
REACH	PASS	PASS	PASS



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.