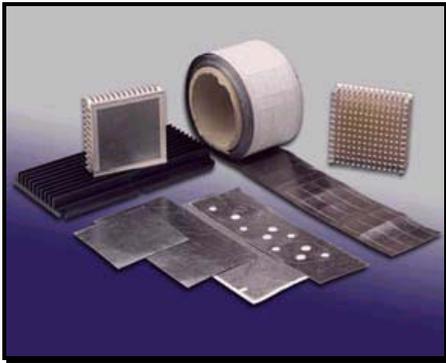


The eGraf™ 700 class of Thermal Spreader Materials are designed for use in applications requiring high in-plane thermal conductivity.



eGraf 700 materials are manufactured entirely from natural graphite with no filler or binders. eGraf 700 will not dry out and no outgassing occurs under vacuum conditions. eGraf 700 materials are useable at temperatures up to 400 °C.

eGraf 700 materials have high Thermal Conductivity In-plane. This makes them suitable for heat spreading applications. eGraf 700 spreader materials are available in thicknesses ranging from 0.08 mm to 1.5 mm.

All eGraf 700 spreader materials are available in sheet, roll or die cut form. A pressure sensitive adhesive (PSA) may be applied to either or both surfaces. eGraf 700 spreaders can be easily cut to any size or shape.

**Typical Properties of eGraf 700 Materials**

Property	EGraf 760	Test Method
<i>Physical</i>		
Color	Dark Grey	
Thickness	1.52 mm	
Tensile Strength	4700 kPa	ASTM F-152
<i>Thermal</i>		
Operating Temperature	-40 to 400 °C	
Thermal Conductivity		
Thru-thickness	6 W/m•K	ASTM D 5470 Modified
In-plane	240 W/m•K	Angstrom's Method
<i>Electrical - typical</i>		
Electrical Resistivity		
Thru-thickness	>100 μΩm	ASTM C611
In-plane	10 μΩm	ASTM C611
<i>Note: Dielectric coatings can be applied to eGraf 700 materials to increase Thru-thickness Electrical Resistivity</i>		

This information is not to be taken as a warranty of representation for which we will assume legal responsibility nor permission or recommendation to practice any patented invention without license. It is offered solely for your consideration, investigation and verification.

eGraf is a trademark of Graftech Inc.  
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 Issued February 2003, R1.0