



Thermal Interface Products

Technical Bulletin

Number 208

**GRAFOIL® THERMAL INTERFACE
THERMAL PROPERTIES AND PERFORMANCE**
Typical Properties

	Grade	Thickness, mil (mm) ⁽¹⁾	Sp. Thermal Resistance (°C•in²/W)	Thermal Conductivity⁽²⁾ (W/m•K)	Adhesive⁽³⁾
Class 700	705	5 (0.127)	0.03	7	none
	710	10 (0.254)	0.06		
	715	15 (0.318)	0.08		
	720	20 (0.508)	0.11		
	705A	5 (0.127)	0.05	7	PSA (one side)
	710A	10 (0.254)	0.07		
	715A	15 (0.318)	0.10		
	720A	20 (0.508)	0.13		
Class 1200	1210	10 (0.254)	0.03	12	none
	1220	20 (0.508)	0.07		
	1210A	10 (0.254)	0.03	12	PSA (one side)
	1220A	20 (0.508)	0.07		

(1) Reflective of base material.

(2) Thermal conductivity of pristine GRAFOIL material in the z (through sheet) direction.

(3) PSA is a proprietary pressure sensitive adhesive

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Printed in U.S.A.

Revised September 18, 2000

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