

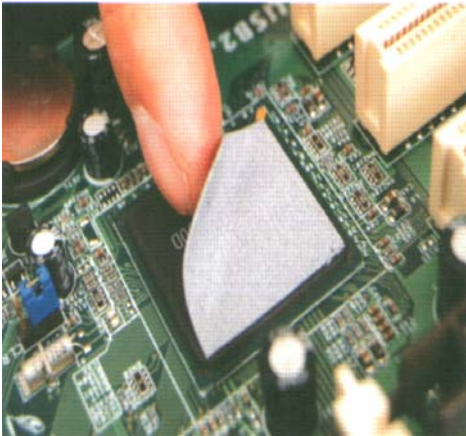


E-Song America, Inc.

100%
RoHS Compliant
Products

1901 S. Bascom Ave., Prune Yard Tower I, Suite 1225, Campbell, CA 95008
Email: sales@esongamerica.com Tel. (408) 466-5446 FAX (408) 879-9373

THERMAL INTERFACE PAD: THEA710



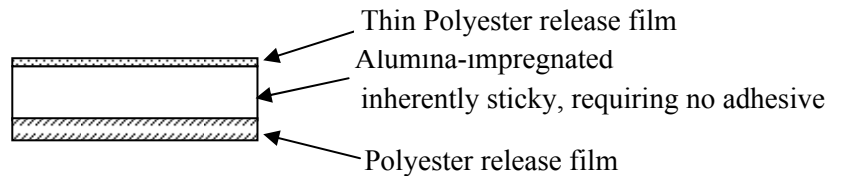
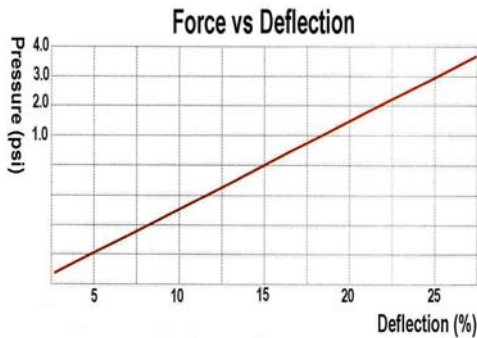
■ Characteristic

This product is made of very soft and highly conformable, low modulus silicone polymer filled with Alumina filler that makes it an excellent heat conductor. Rated UL94 V0 Flame Retardant. For applications requiring minimal pressure/deflection on components.

■ Application

- Most suitable as thermal interface pad where pressure load on the components or PCB is critical.
- Available in custom sizes and die-cut shapes/sizes

■ Product Structure



■ Technical data

ITEM		DESC / VALUE	TEST METHOD	
Material	Binder	Silicone		
	Filler	Alumina		
	Liner	Polyester		
Mechanical properties	Thickness (mm)	Silicone pad available	0.5 to 15 ±0.25	ASTM D 1000
		Release liner films	To be disposed of	
	Standard size (mm)		250 x 250	
	Color	Silicone pad	White	Visual
		Release film	Transparent	Visual
	Hardness (Shore 00)		5	ASTM D 2240
	Specific gravity (g/cm ³)		1.6±0.4	ASTM D 792
Continuous usage temp. (°C)		-60 ~ +200		
Electrical properties	Dielectric constant		5.5 ±0.5	ASTM D 150
	Dielectric breakdown (kV AC)		Min. 6	ASTM D 149
	Volume resistivity (ohm-meter)		1 x 10 ¹¹	ASTM D 257
Thermal conductivity 10psi (w/mK)		1.0	ASTM D 5470	
Flame Rating		UL94 V0		

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