

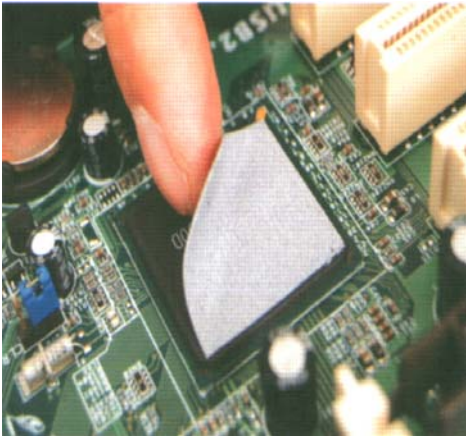


E-Song America, Inc.

100%
RoHS Compliant
Products

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THERMAL INTERFACE PAD: THEA710HG



■ Characteristic

This product is made of soft and highly conformable, but not as low as our THEA710 or THEA710F. Rated UL94 V0 Flame Retardant. For applications requiring soft material to prevent extraneous pressure on components, but still needs a little more firmness than THEA710 or THEA710F.

THEA710H and THEA710GG: Shore 00 = 25

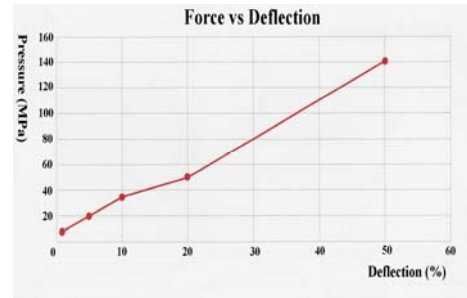
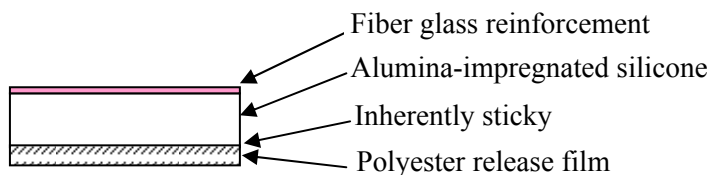
THEA710 and THEA710F: Shore 00 = 5

■ 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		
	Reinforcement	Fiber glass		
	Liner	Polyester		
Mechanical properties	Thickness (mm)	Silicone pad available	0.5 to 15 ±0.25	ASTM D 1000
		Release liner films	0.1 (Dispose)	
	Standard size (mm)		250 x 250	
	Color	Silicone pad	White	Visual
		Fiber glass layer	Pink	Visual
		Release film	Transparent	Visual
	Hardness (Shore 00)		25	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)	> 10 ¹¹	ASTM D 257	
Thermal conductivity 10psi (w/mK)		1.0	ASTM D 5470	
Flame Rating		UL94 V0		

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