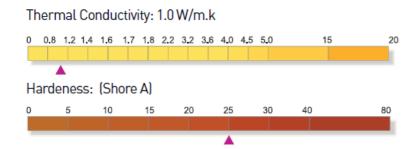




## Datasheet Thermal Interface Material

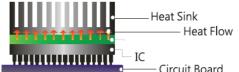
## RS Stock number 707-4819



## **Features**

- Good adhesion (Silicone PSA)
- Low contact thermal impedance
- High thermal conductivity
- High bond strength
- High temp Long term stability





Property			Unit	Test
With Fiberglass net	Fiberglass		-	-
Colour	White		-	Visual
Thickness	0.15	0.25	mm	ASTMD374
Thermal Conductivity	1.0		W/m,k	ASTMD374
Initial Tack @ room temp.	<10		cm	ASTMD5470
Insulation Strength	3	4	kv	PSTC-6
Weight loss	<1		%	ASTMD149
Lap Shear Strength	74	76	N/cm²	-
Die Shear Strength @ 25°C	113	126	N/cm²	-
Die Shear Strength @ 80°C	80	85	N/cm²	-
Die Shear Strength @ 150°C	30	35	N/cm²	-
Flame Rating	V-1		-	UL94
Working Temperature	-45 - +170		°C	-
Holding Power 1000g @ room temp using 1in <sup>2</sup>	>10000		Min.	PSTC-7
Holding Power 500g @ 80°C using 1 in <sup>2</sup>	>10000		Min.	PSTC-7
Holding Power 500g @ 130°C temp using 1 in <sup>2</sup>	>5000		Min.	PSTC-7
180° Peeling Strength N/cm (aluminium)	4		N/cm	ASTMD3330
REACH Compliant	Yes		RoHS Compliant	Yes

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.