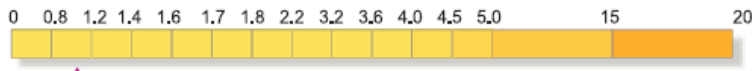


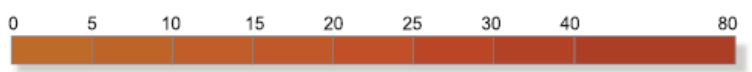
Datasheet Thermal Interface Material

RS Stock number 707-4819

Thermal Conductivity: 1.0 W/m.k

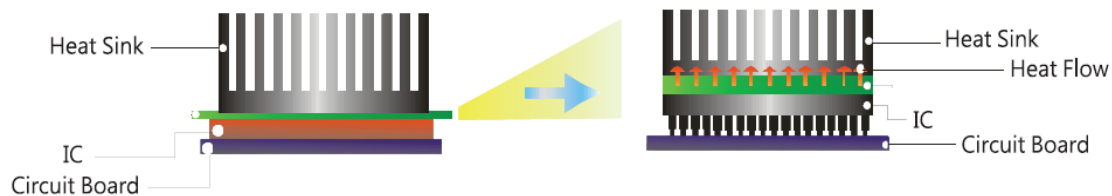


Hardness: (Shore A)



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/cm ²	-
Die Shear Strength @ 25°C	113	126	N/cm ²	-
Die Shear Strength @ 80°C	80	85	N/cm ²	-
Die Shear Strength @ 150°C	30	35	N/cm ²	-
Flame Rating	V-1		-	UL94
Working Temperature	-45 - +170		°C	-
Holding Power 1000g @ room temp using 1in ²	>10000		Min.	PSTC-7
Holding Power 500g @ 80°C using 1 in ²	>10000		Min.	PSTC-7
Holding Power 500g @ 130°C temp using 1 in ²	>5000		Min.	PSTC-7
180° Peeling Strength N/cm (aluminium)	4		N/cm	ASTMD3330
REACH Compliant	Yes		RoHS Compliant	Yes