

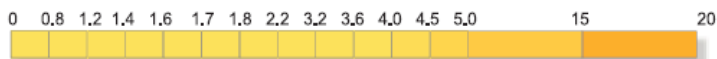
Datasheet

Thermal Interface Material

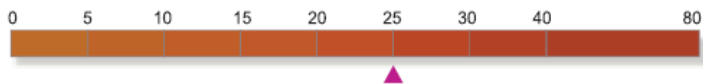
RS Stock number 707-4828

1.0W/mK, 150x150x0.2mm, 2-sided 3M 467 p.s.a

Thermal Conductivity: 1.9 W/m.k

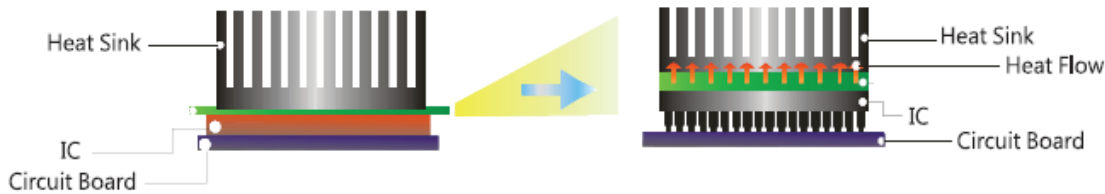


Hardness: (Shore A)



Features

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



Property		Unit	Test
Colour	White	-	Visual
Thickness	0.2	Mm	ASTMD374
	0.0079	Inch	
Thermal Conductivity	1.9	W/m,k	ASTMD374
Initial Tack @ room temp.	NA	cm	ASTMD5470
Insulation Strength	3.5	kv	PSTC-6
Weight loss	<1	%	ASTMD149
Lap Shear Strength	35	N/cm ²	-
Die Shear Strength @ 25°C	50	N/cm ²	-
Die Shear Strength @ 80°C	35	N/cm ²	-
Die Shear Strength @ 150°C	20	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