Product Information

Cactus® Double Coated thermally conductive pressure sensitive tape C265F is a thermally conductive tape and forms an excellent heat sink interface. Its high performance adhesive coating enables high bonding strength and long term tolerance to heat variation. This product is a UL94-V1 approved item.

Composition & Physical Properties

Adhesive System	:	Thermally conductive	Tape Thickness	:	6.3 mil (0.16 ± 0.02 mm)
Carrier	:	Special Fabric	Tack	:	J Dow No. 7
Liner Thickness	:	110 g/m² (#74)	Peel Adhesion: (PSTC-3) Room Temp Dwell @ 20 min: 149°F Dwell @ 20 min: Room Temp Dwell @ 72 hrs: 149°F Dwell @ 72 hrs:		56.3 oz/in (1.6kg/25mm) 63.4 oz/in (1.8kg/25mm) 63.4 oz/in (1.8kg/25mm) 70.4 oz/in (2.0kg/25mm)
Liner Material	:	PE Laminated Kraft Paper	Shear Strength (PSTC-7)	:	Over 48 hrs with 35.2 oz loading on 1" x 1" (1.0kg/25mm x 25mm)
Liner Color	:	White	Heat Resistance (PSTC-7)	:	Over 24 hrs with 17.6 oz loading on 25mm x 25mm at 140°F (60°C)
Tape Color	:	White	Service Temperature	:	-22°F ~ 248°F (-30°C ~ 120°C)
Thermal Conductivity (ASTM D5470)	:	1.4 W/m-K	Thermal Impedance Coefficient (ASTM D5470)	:	0.1 °C-in² / W
			Flame retardant		UL 94 V1

Applications

• Specifically developed as an effective thermal interface to provide heat sink attachment solutions for plastic components.

• Ideal for use to adhere components to heat sinks, metal chassis walls or other thermal management materials.

• Other heat transferring applications in electronic and electric appliances.