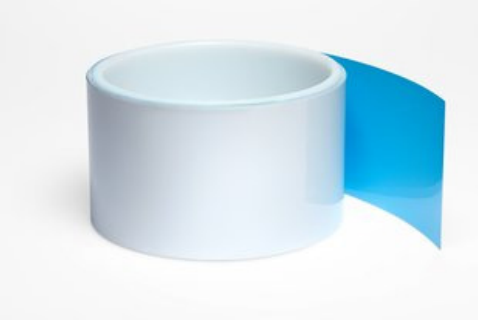
3M™ Thermally Conductive Adhesive Transfer Tape 8810

Part Number 8810



3M™ Thermally Conductive Adhesive Transfer Tape 8810 is designed to provide a preferential heat-transfer path between heat-generating components and heat sinks or other cooling devices (e.g., fans, heat spreaders or heat pipes)

- High mechanical strength
- Improved surface wet-out for rough surface/LSE substrates
- Excellent shock performance
- Wider and longer roll is available
- Halogen free
- Ideal for thin bonding applications
- Good thermal transfer

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Specifications

Adhesion to SS	2.49 kg/in (90 Degree Peel) Aging at 70 Degree C for 72 hrs
Application Category	Thermal Interface Materials , Bonding
Applications	IC Packaging Heat Conduction , Heatsink-Thermal Interface Attachment , Battery Thermal Management , LED Lighting Thermal Management , Heatsink-Thermal Interface-Non Bonding , Flex Bonding , Thermal Interface-Damping-Cushioning
Carrier Type	No Carrier
Color	White
Dielectric Strength	26 kV/mm
Easy Release Top Liner Thickness	1.5 mil
Easy Release Top Liner Thickness (metric)	0.038 mm
Easy Release Top Liner Type	Clear PET Liner
Liner Type	Double
Operating Temperature Range (Celsius) Long Term	(Weeks-Months) 90 to 100 Degree C

Operating Temperature Range (Celsius) Short Term	(Hours-Days) 125 to 150 Degree C
Product Series	8810
Thermal Conductivity	0.60 W/m-K
Thermal Impedance	0.88 (Degree C)-in²/W
Thermal Impedance (metric)	5.7 (Degree C)-cm²/W
Tight Release Liner Thickness	2 mil
Tight Release Liner Thickness (metric)	0.05 mm
Tight Release Liner Type	Blue PET Liner
Total Tape Thickness without Liner	10 mil
Total Tape Thickness without Liner (metric)	0.25 mm

Product Disclaimer

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