

# PSA Tape

Our PSA adhesive tapes, also known as TAT, are thermo-conductive silicone-based materials that solve heat dissipation problems. The TAT\_010\_M is an electrically insulating thermally conductive silicone PSA transfer tape. Thanks to the thermally conductive adhesive, the thermal contact is greatly improved even at low pressure. Convex and concave surface structures and stacking tolerances are effectively compensated. The tape works well to achieve efficient and cost-effective thermal coupling in a wide range of applications. Especially, it is used in applications with little space only and where the allowed weight is limited. We can cut according to customer plan. All our mattresses are certified UL 94 in V0.



Domaines d'applications: Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

## Caractéristiques techniques

Features	Units	TAT_010_M			
<b>Thickness</b>	mm	0.1	0.2	-	-
<b>Reinforcement</b>	-			-	
<b>Color</b>	-			White	
<b>Peel resistance (at 23°C) Aluminum / Glass</b>	N/cm	6.0 / 7.6	6.4 / 7.6	-	-
<b>Size</b>	mm	300*400			Roll 300mm x 50M
<b>Shear strength (at 125°C after 10,000 hours)</b>	N/cm	> 200		-	
<b>Thermal Conductivity</b>	W/mK	1.0			
<b>Resistance</b>	°C-inch <sup>2</sup> /W	0.28	0.49	-	
<b>Breakdown Voltage (@ Initial Thickness, 25°C)</b>	kV/AC	2.0	5.0	-	-

**The TAT\_010\_M is available in 0.10/0.20mm thicknesses.**

The results were obtained under laboratory conditions and should be considered only as a guide. As AB2E has no control over its customers' hardware and many other factors, it is the user's responsibility to perform their own tests to ensure that the product meets their needs.