

TG-T1000 Thermal Tape

REACH Compliant RoHS Compliant

Features

- Good adhesion
- Great reliability
- Cost effective with great performance
- Easy to assemble
- Customization services for different industries

Applications

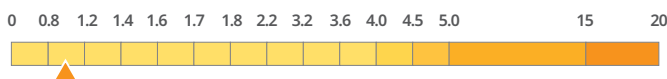
Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

Storage

T-global guarantees a 6 month shelf life at maximum continuous storage. Storage temperature should under 25°C to maintain controlled adhesion to the liner.

Properties

Thermal Conductivity : 1 W/mK



Properties	TG-T1000			Unit	Tolerance	Test Method
Thermal Conductivity	1	1	1	W/mK	±10%	ASTM D5470
Thickness	0.15	0.25	0.5	mm	-	ASTM D374
Colour	White			-	-	Visual
Reinforcement Carrier	Fiberglass mesh			-	-	-
Continuous Working Temperature	-30~+120			° C	-	-
Short time use temperature (30sec)	180			° C	-	-
Density	1.2			g/cm ³	-	ASTM D792
Initial Tack	19	11	5	cm	-	PSTC-6
Holding Power 1000g@25° Cusing 1 in ²	>3000			min	-	PSTC-7
180° Peeling Strength (aluminum)	>14	>16	>19	N / 25mm	-	PSTC-101
Dielectric Breakdown Voltage (AC)	2	3	5	KV	±10%	ASTM D149
Thermal Impedance@10psi	0.93	1.26	1.6	° C-in ² / W	-	ASTM D5470
Thermal Impedance@30psi	0.76	1.06	1.33	° C-in ² / W	-	ASTM D5470
Thermal Impedance@50psi	0.61	1.05	1.19	° C-in ² / W	-	ASTM D5470

Pre-cut for different shapes

Roll type is available

T-Global Technology (Europe & North America) Limited

Units 1-2 Cosford Business Park, Central Park, Lutterworth, Leicestershire, LE17 4QU, United Kingdom
T +44 (0)1455 553 510 **E** sales@tglobaltechnology.com **W** www.tglobaltechnology.com

Version17
20201217



T-Global Technology are proud to announce the launch of a new company logo and mission statement as part of the ongoing growth and evolution of our company's brand.

NOTICE: The information contained herein is to the best of our knowledge true and accurate. Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. All specifications are subject to change without notice. The protective film does not affect the function of the product. If there is no special requirement, the default depends on T-Global. Since the varied conditions of potential use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part and users should make their own test to determine the suitability of our products in any specific situation. This product is sold without warranty either expressed or implied, of fitness for a particular purpose or otherwise, except that this product shall be of standard quality, and except to the extent otherwise stated in T-Global Technology's invoice, quotation, or order acknowledgment. We disclaim any and all liabilities incurred in connection with the use of information contained herein, or otherwise. All risks of such are assumed by the user. Furthermore, nothing contained herein shall be construed as a recommendation to use any process or to manufacture or to use any product in conflict with existing or future patents covering any product or material or its use.