



T62 Graphite Sheet

REACH Compliant

RoHS Compliant

Features

- Ultra high thermal conductivity
- Easy to assemble
- Low mass and space saving
- EMI reduction

Application:

Suitable for products requiring flat temperature

Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Properties

Properties	Unit	T62	T62-1	T62-2	Tolerance	Test Method
Thermal Conductivity (XY axis)	W/m•K	400			-	AC Calorimeter
Thermal Conductivity (Z axis)	W/m•K	20	15	5	± 10%	Laser Flash
Thickness	mm	0.13	0.16	0.2	± 0.03	Micrometer
	inch	0.0051	0.0063	0.0079	-	-
Color	-	Black			-	-
Structure	-	Graphite		PET	-	-
			Graphite	Graphite		
			Adhesive	Adhesive		
Density	g/cm³	1.5	1.5~1.8		± 5%	ASTM D792
Graphite Contained	%	>98			-	-
Operating Temperature	° C	-40~+400	-30~+100		-	-

※Die-cut for different shapes

※Available to apply adhesive

※For other thickness, please contact product consultant.

T-Global USA LLC

2880 Zanker Road, Suite 103, San Jose, CA 95134, USA

T +1(862)213-8100 E usa@tglobalcorp.com W www.tglobalcorp.com

Version20
20250211



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 and release paper do 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 with out 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.