



Structural Layout Auxiliary Materials Acknowledgement

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Customer Name: (CUSTOMER) A-XX-10-88

PRODUCT SPECIFICATION SHEET

CUSTOMER	Shenzhen Nordest Technology Co., Ltd.
DESCRIPTION	Gray Thermal Conductive Wave-Absorbing Silicone Sheet
TYPE/MODEL	200 * 200 * 1.0/MM
CLIENT PART NO.	C7466723
LTD. NO.	NDST-X300-T100
DATE NO.	2026-05-15

Manufact urer	TECHNICAL	QUALITY	PROJECT	DEVELOPING
	袁素萍	夏艳丽	彭彦华	彭春华

Customer side	Material Engineer	Engineer	Approval	R&D System



Supplier Information

Company Name: Shenzhen Nordest Technology Co., Ltd.

Telephone: 0755-29527673

Fax: 0755-29527674

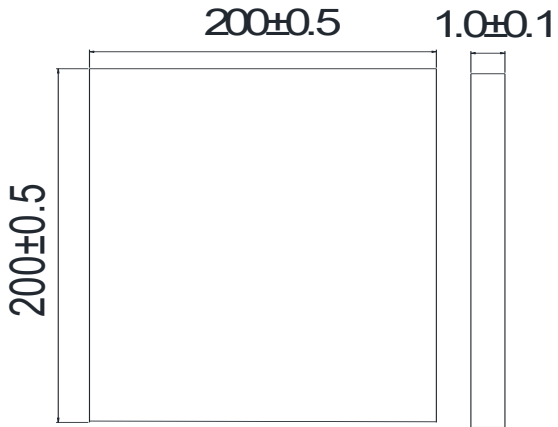
Form Number: F-04-044/003



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Material Code: C7466723	Acknowledgment Date : 2026-05-15	Version	Modify content
Material Name: Gray Thermal Conductive Wave-Absorbing Silicone Sheet	Product Model: NDST-X300	001	Initial release
Size:200*200*1/MM			
Tolerance range: +/-0.5			
Material: Silicone			
Color: Dark gray			
Print color: None			
Compliant with ROHS requirements: ☒ YES ☐ NO			
Storage environment: Room temperature			
Validity period: five years			
Attached drawing: (Unit: mm)			
			

1. Engineering drawings: see attachment (CAD DWG or DXF files) (key dimensions indicated with numerical symbols)
in accordance with <<Standards for Dimensioning Structural Component Drawings>>

Size Number	Size Specification	Measuring Tools	Sample Number							Judgment result	
			1#	2#	3#	4#	5#	6#	7#	OK	NG
①	1.0MM	Thickness gauge	1.05	1.0	1.0					√	
②	200.0MM	Vernier caliper	200.1	200.0	200.0					√	
③	200.0MM	Vernier caliper	200.0	200.0	200.0					√	

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Material Certificate

Product Name: Thermal Conductive Silicone UL Number E338508, NDST-X200.

Material composition: High-purity mixed silicone rubber, combined and developed in proportion with specially formulated imported materials for heat dissipation, fire resistance, etc.

There are main physical characteristic parameters:

Project	unit	Test method	Test value
Hardness	Shore C	ASTM D2240	25±5
Density	g/cc	ASTM D792	3.8
Tear strength	KN/ m	ASTM D624	1.0
Tensile strength	MPa	ASTM D412	≥0.25
Elongation	%	ASTM D412	≥70
Breakdown Voltage	Kv/mm	ASTM D149	≥6Kv
Volume resistivity	Ω -cm	ASTM D257	≥10 ⁸
Temperature range	℃	EN344	-50℃~150℃
Weight loss	%	@200℃240H	≤1.0
Fire resistance	--	UL-94	V-0
Thermal conductivity	W/m.k	ASTM D5470	3.0W
Dielectric constant	@1MHz	ASTM D150	5.7
Thermal resistance	℃-in2W	ASTM D5470	0.65

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