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

PRODUCT SPECIFICATION SHEET

CUSTOMER	Shenzhen Nordest Technology Co., Ltd.
CESCRIPTION	Gray Thermal Conductive Wave-Absorbing Silicone Sheet
TYPE/MODEL	200 * 200 * 3.0/MM
CLIENT PART NO.	C7466721
LTD.NO.	NDST-X200-T300
DATE NO.	2026-05-15

Manufacturer	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

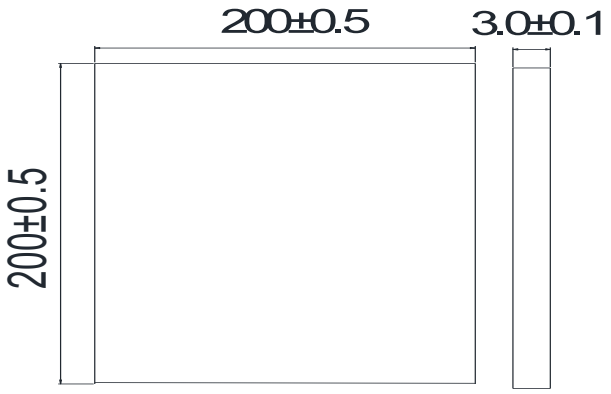
深圳市诺德斯特科技有限公司
工程专用

Supplier Information
Company Name: Shenzhen Nordest Technology Co., Ltd.
Telephone: 0755-29527673
Fax: 0755-29527674

Structural Layout Auxiliary Materials Acknowledgement

Material Code: C7466721	Acknowledgment Date : 2026-05-15	Version	Modify content
Material Name: Gray Thermal Conductive Wave-Absorbing Silicone Sheet	Product Model: NDST-X200	001	Initial release
Size:200 * 200 * 3.0/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	3.0MM	Thickness gauge	3.05	3.0	31.0					√	
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	3.0
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	2.0W
Dielectric constant	@1MHz	ASTM D150	5.7
Thermal resistance	℃-in2W	ASTM D5470	0.65

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