

SUPER TECH



Wide temperature range VIP



HIGH AND LOW
TEMPERATURE RESISTANCE



LOW THERMAL CONDUCTIVITY



LONG SERVICE LIFE



PUNCTURE RESISTANT



HIGH COMPRESSIVE STRENGTH



CLASS A NON-COMBUSTIBLE



Unique structure of "heat dissipation
-heat insulation -heat dissipation"

Super Tech Advanced Materials fifth
generation VIP upgrade product



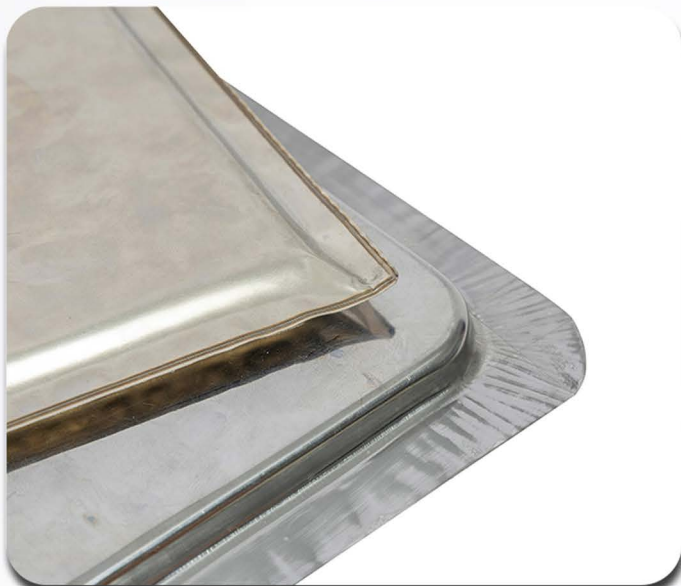
Use aluminum foil or stainless steel
foil as membrane material
Basalt fiber, high silica, etc.
are used as core materials

Packaging by welding



Can replace high silica cotton and
silica aerogel and airgel felt
and other materials

High temperature thermal
insulation materials



Product specification



Thermal conductivity	≤0.0020W/m·k	Recommended operating temperature	-196°C-600°C
Body density	250-420kg/m ³	Compressive strength (<10%)	≤0.5MPa
BodyAreal Density density	2-5kg/m ²	Leak Rate	< 10 ⁻¹⁰ Pa.m ³ /S
Standard Size	Max: 500x1000mm, Min: 100x100mm,Thickness:3-20mm		



With excellent product performance, Super Tech vacuum insulation panel products have won the **REACH** and **ROHS** certifications which are two important EU market access certifications.



Test Report

No.: CANEC23004927803

Date: Jul 05, 2023

Page 1 of 12

Client Name: Fujian Supertech Advanced Material Co.,Ltd.

Client Address: LIANGUAN INDUSTRIAL AREA, LIANCHENG COUNTY, LONGYAN CITY, FUJIAN PROVINCE, CHINA

Sample Name: Vacuum insulation board

Buyer: Haier

The above sample(s) and information were provided by the client.

SGS Job No.: 23709118

Sample Receiving Date: Jun 21, 2023

Testing Period: Jun 21, 2023 ~ Jul 05, 2023

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU and client's requirement - Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Bis(2-ethylhexyl) phthalate (DEHP) and Diisobutyl phthalate (DIBP)	Pass

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Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Jany Zhong

Jany Zhong
Approved Signatory

scan to see the report



741F51DE



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Attention: To check the authenticity of testing (inspection report & certificate), please contact us at telephone: (86-755) 8327 1443, or email: CN.Doc@tech@sgs.com

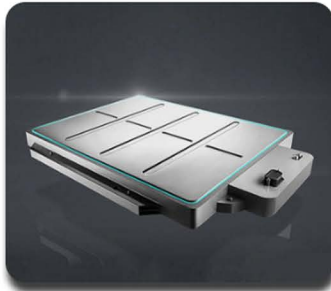
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Application areas



New energy battery



Energy storage and insulation



Aerospace



LNG pipeline insulation



High temperature appliances

Master the core technology of the whole industrial chain of vacuum insulation
Its quality is trustworthy

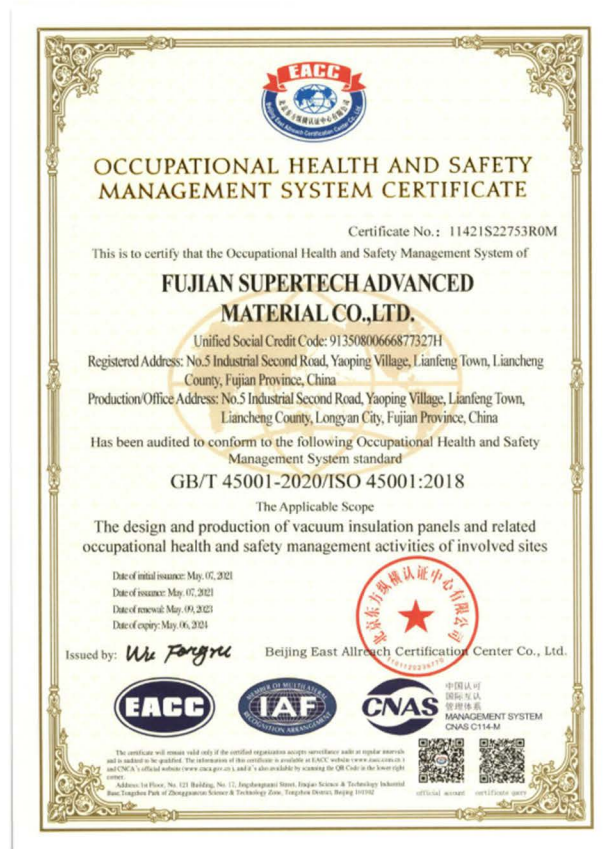


闽赛特
SUPER TECH

Fujian Super Tech Advanced Material Co., Ltd. was established in 2007. It is a national high-tech enterprise focusing on the development and application research of vacuum insulation material manufacturing technology. It was listed on the A-share Science and Technology Innovation Board in February 2020 (stock code: 688398). It has been continuously exploring the field of vacuum insulation, and continues to apply for downstream applications of vacuum insulation panels (home appliances such as refrigerators and freezers), and vacuum insulation technology applications (cold chain logistics such as cold storage, refrigerated trucks, insulated boxes, etc.) It also upgrades production equipment, quickly responds to customers' individual needs, and provides customers with energy-saving and environmental-friendly vacuum insulation panel products and efficient insulation solutions. It has been in the industry for many years. With its advantages in technology, quality, equipment, etc., Fujian Super Tech has won a good reputation and maintained its leading position in the field of vacuum insulation panel industry.

OUR R&D TEAM IS COMPOSED OF SOME EXPERTS IN AEROSPACE VACUUM FIELD OF CHINA, AND HAS ESTABLISHED LONG-TERM COOPERATION WITH MANY WELL-KNOWN DOMESTIC RESEARCH INSTITUTES AND UNIVERSITIES.

AT A RATE OF NEARLY 10 PATENTS A YEAR, A TOTAL OF 118 HIGH-VALUE PATENTS ARE DRIVING THE VIGOROUS DEVELOPMENT OF THE VACUUM INDUSTRY.



Partner customers



SAMSUNG



Haier

美的 Midea

Whirlpool
CORPORATION

SIEMENS

BOSCH

MELING 美菱

TOSHIBA
东芝

gorenje



ThermoFisher
SCIENTIFIC

WAHIN

Ronshen
容声



Hisense

HITACHI

Wanbao



INDESIT

Galanz 格兰仕

Skyworth
创维

Fisher & Paykel

