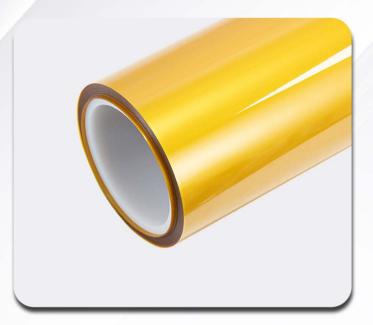
SUPER TECH













FPC covering film (flexible printed circuit board) is a polymer film made of polyimide

Excellent flexibility and reliability



Capable of withstanding the bending and folding of circuit boards and protecting the conductive circuit layer on FPC flexible circuit boards

Not affected by temperature humidity, contaminated or corrosive substances







Good weather resistance

Capable of withstanding low temperature freezing, refrigeration, and transportation

Product parameter

Item	Polyimid(Pi)	Polyethylene	Glass fiber
Standard Thickness(µm)	10,12.5,25,50,75	20,50,75,125	100,200
Operating Temperature	280°C, 10sec	105℃, 10sec	280度, 10sec
Auto-Solder	Possible	Impossible	Possible
Flame Retardancy	Tolerable UL94V-0	Tolerant UL94HB	Tolerable UL94V-0
Mechanical Strength	Easy to crack	Good in greenhouse	Excellent
Moisture Absorption	Easy to get wet	Small	Moderate
Flexibility	Excellent	Excellent	poor

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 (PBDs), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Bis(2-ethylhexyl) phthalate (DEHP) and Diisobutyl phthalate (DIBP)	Pass

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 Date: Jul 05, 2023 Page 1 of 12 No.: CANEC23004927803

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:

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

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

Jarry Zhong

Jany Zhong Approved Signatory





Application fields



Consumer electronics



Communication devices



Automotive electronics



Industrial control and medical equipment



Aerospace

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



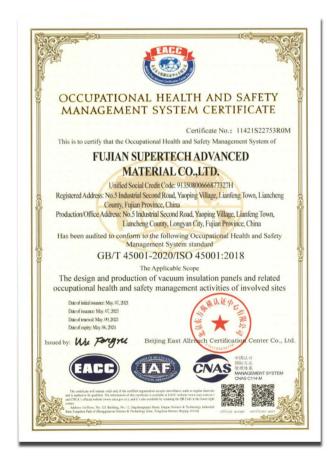
Fujian Super Tech Advanced Material Co., Ltd. was established in 2007. It is a national high-tech enterprise focusing on the development and application research of vacuum insulation material manufacturing technology. It was listed on the A-share Science and Technology Innovation Board in February 2020 (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







































Galanz 格兰住

Skyworth 创维

Fisher&Paykel



.