



**Speed Spread Electronic Materials Co., Ltd**

# Content

01 About Us

02 Products and Services

03 Products Application

04 Summary



# 01

## About Us

- Who We Are
  - Business Scope
  - Development Path
  - Branch Offices
  - Company Mission
- 



# Who We Are

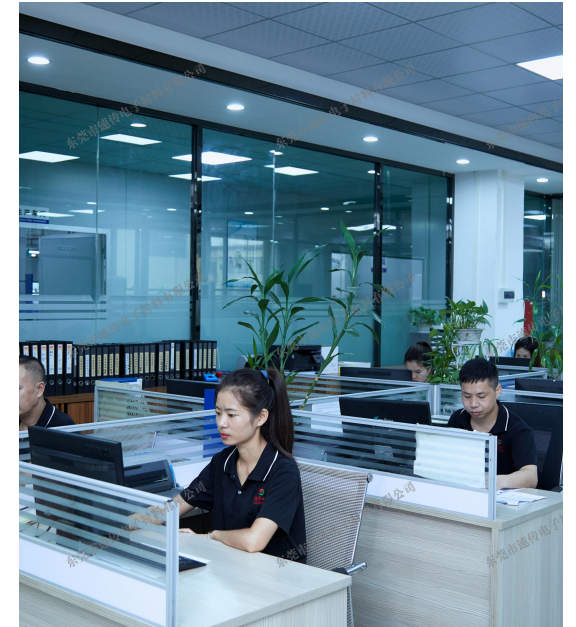
Speed Spread is located in Qiaotou Town, Dongguan City, Guangdong Province, China, a beautiful lotus town. It is 0.8 kilometers away from the nearest Qiaotou West Expressway Exit and has convenient transportation. We have a 10,000 square meter independent factory building and has obtained qualification certificates: ISO9001, ISO140001, IATF16949, UL and High-Tech Enterprise Certificate.



# Business Scope

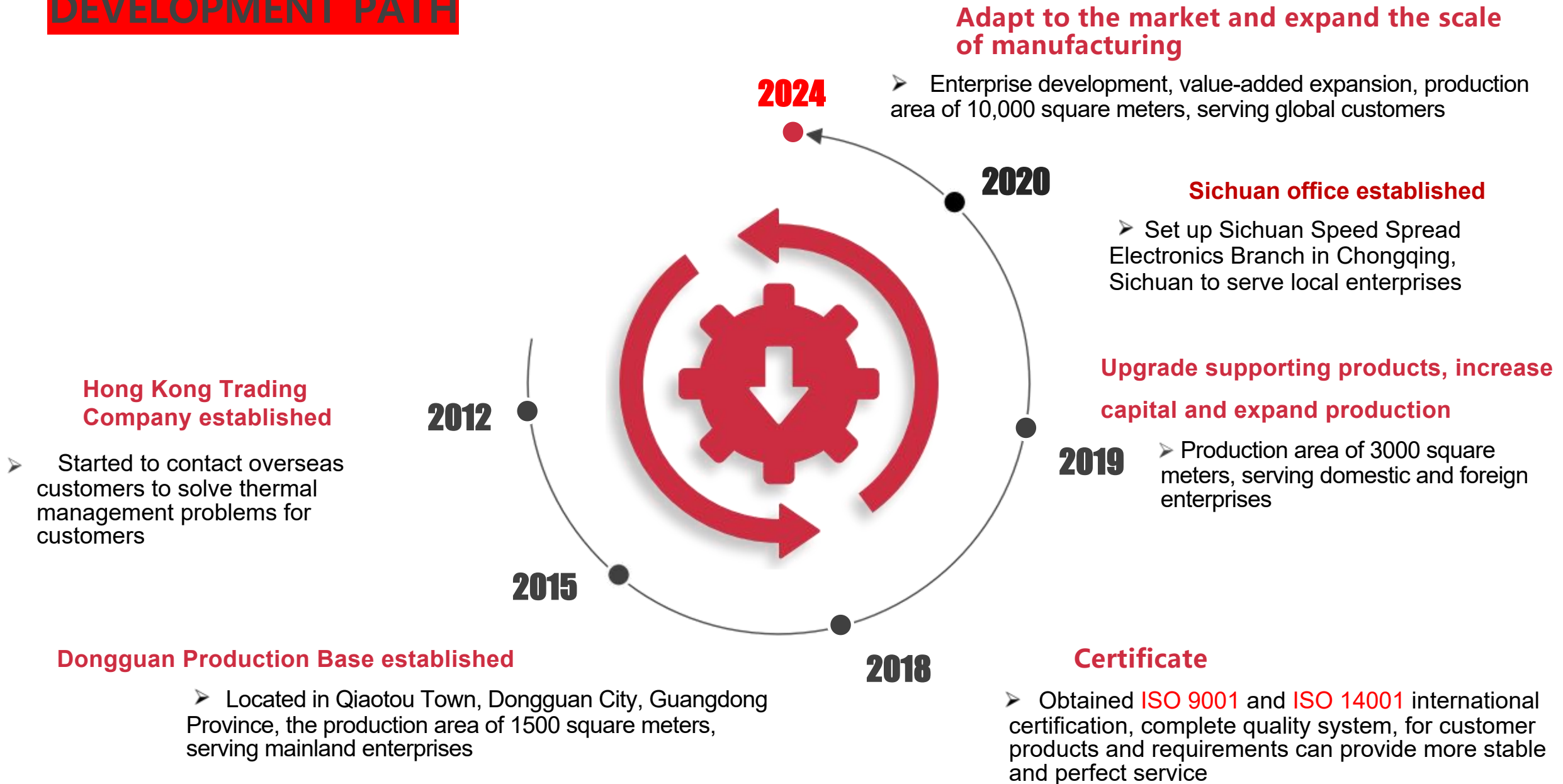
Speed Spread focuses on the field of materials and is a material solution provider that integrates R&D, supply and customized services. We not only provide a variety of basic materials, but also rely on a professional R&D team to provide one-stop services from material selection suggestions to application solutions for different industry needs.

The company's products: thermal management materials (interface thermal insulation materials. Thermal insulation materials); thermal conductivity (thermal silicone gaskets, thermal grease, single and double component gels, phase change materials, potting glue, non-silicon materials, carbon fiber gaskets, silicone cloth, low dielectric boron nitride gaskets, etc.); thermal insulation (aerogel, melamine thermal insulation cotton, etc.) EMI materials (shielding materials, absorbing materials), etc.; and precision die-cutting customization of various electronic auxiliary materials.





# DEVELOPMENT PATH



## BRANCH OFFICES



### Hong Kong



Speed Spread Electronic Materials  
Co., Ltd (Hong Kong)

### Guangdong



Speed Spread Electronic Materials  
Co., Ltd (Dongguan Factory)

### Chongqing



Speed Spread Electronic Materials  
Co., Ltd (Chongqing)

# BUSINESS PHILOSOPHY



Speed Spread Electronic Materials Co., Ltd



Speed Spread always adheres to customer demand-oriented policy, survival by quality and innovation by technology. With the progress of science and technology and the market product replacement, we continue to develop and have formed large-scale production to meet customer needs. In line with the high sense of responsibility for customers and themselves, we constantly provide product quality and service attitude to achieve the best customer satisfaction.





# 02

## Products And Services

- Products Introduction
- Our Advantages
- Laboratory Test Ability
- Production Capability
- New Technology Projects



## Our Products

### Partial Products Display



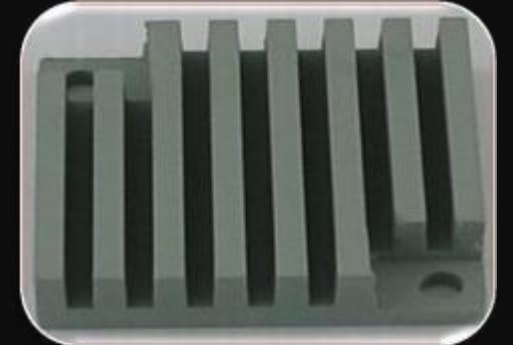
Thermal conductive silicone gel filling material SC-TP



35w carbon fiber gasket SC-TCF



Thermally conductive phase change material  
SC-TFC



Ceramic heat sink SC-CH



Thermal conductive paste SC-TG



Thermal paste S C - T S



Thermally conductive absorbing material  
SC-TA



Non-silicon thermal conductive sheet SC-NTP

# Our Advantages

## Professional Team



- Doctor of Polymer \*1
- Master of Science student \*3
- Bachelor \*2
- Specialty \*2



## Technical Status

## Market Development



- Material terminal integration capability
- Technology & development capability
- Solution capability
- Formulation control ability



## Industry Advantage

- High thermal conductivity technology
- Nanodispersion technology
- Organic & inorganic modification
- Formula control
- All kinds of electronic accessories precision die cutting
- Continuous pursuit of new product material innovation and research and development
- Provide customers with high quality and low price products
- Set R & D/production/manufacturing/processing perfect one-stop service



# Laboratory Test Ability



## Partial Test Equipments on Display

- Material/thermal/electrical properties test equipments



Universal material tester



Retention tester



Thermal resistance tester



2-Dimension Test Machine



Heat comparison test equipment



Electrical characteristic tester

- Reliability test equipment



Cold and heat shock equipment



High temperature & high humidity tester



Salt spray tester



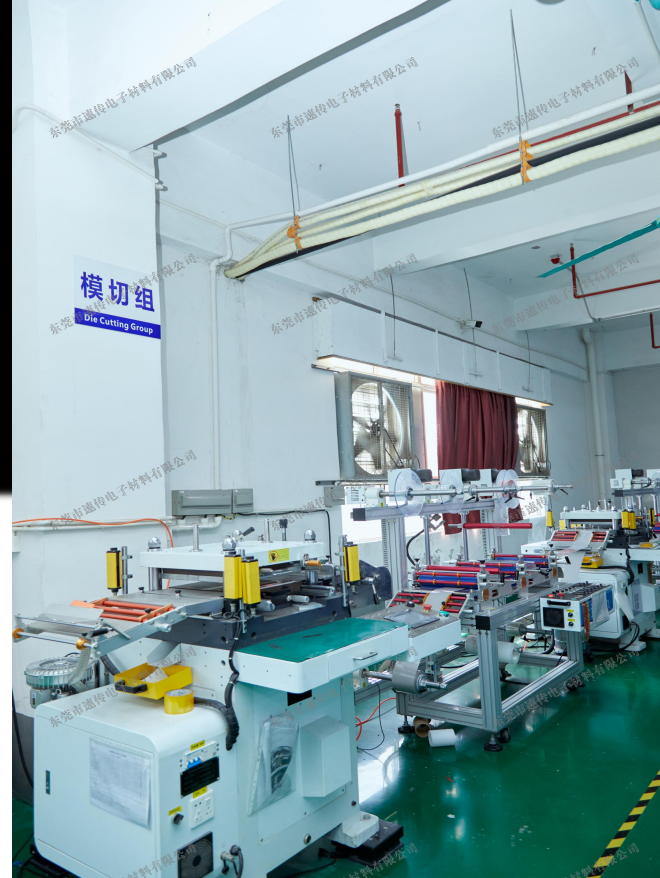
Aging oven



Aging oven

# Production Capacity

Speed Spread has 5 Sheet and Coil Forming Lines, 1 Sampling line, more than 30 auxiliary die-cutting equipments, with a monthly production capacity of millions of square meters.





# New Product Technology



## Non-silicone oil heat conductive sheet

The main component is acrylic PMMA(acrylic resin), high weather resistance and stability, no silicone oil component, no siloxane molecule volatilization problem

## Phase change material

Different from the general thermal grease, the sheet is easy to use, achieve low thermal resistance, and solve the problems like silicone grease easy to dry, oil separation, scraping causing operational difficulties



## Carbon fiber gasket

Carbon-based substrate, very high thermal conductivity, the actual test value is  $20\text{W/mk} \sim 35\text{W/mk}$ , can be used in high-power base station servers with large heat output





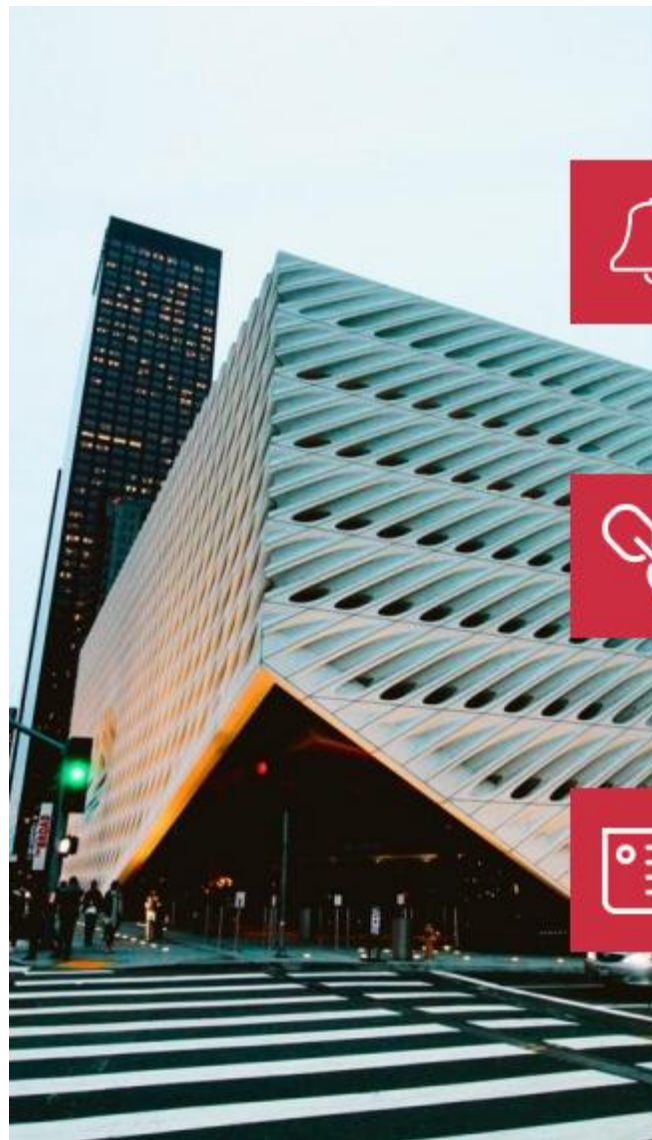
# 03

## Products Application

- Application Field
- Product Performance
- Enterprise Customers
- Future Prospect



# Application Field



Netcom products  
Mobile phones  
3C electronic products



The automotive industry  
Drones  
Lithium battery industry



LED lighting  
Power supply  
Photovoltaic industry

# A c h i e v e m e n t



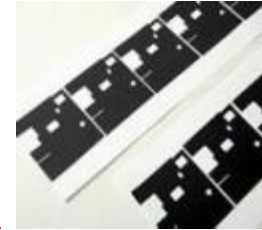
Double-sided tape/  
easy to stretch tape



Polyurethane foam



TG thermal paste



Graphite sheet



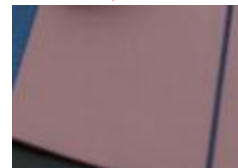
0.015mm ultra-thin black double-sided tape



Conductive gasket



PI substrate double-sided tape

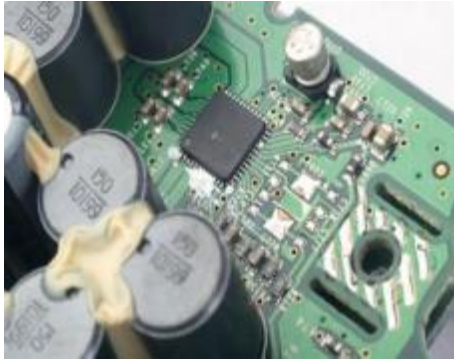


Thermal silicone gel



# Achievement

Motherboard (Power chip)  
TP series thermal  
conductive silicone sheet  
can be used

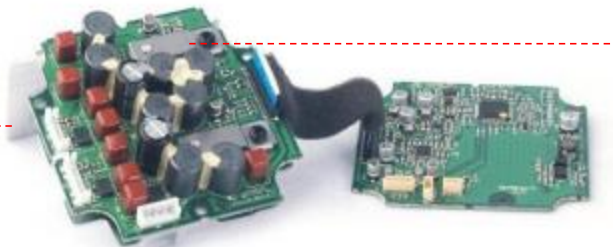


Rubber base



Horn (cotton tape)

Motherboard (Radiator)  
TS thermal paste can be  
used to increase heat  
dissipation and temperature  
equalization effect



Motherboard (Radiator)  
Can be coated with TG  
thermal paste to increase  
heat dissipation effect

# Achievement

Ceramic heat sink can be used to solve EMI problems



Front PCB



Tmall Magic Box



Back PCB



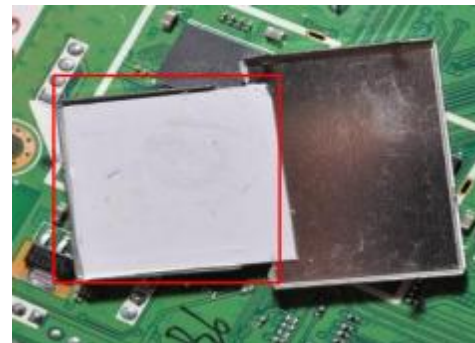
PC shell



Use a Speed Spread thermal silicone sheet (attached to the shield)



CPU mask front



Reverse side of the CPU mask  
(Speed Spread thermal silicone sheets)



CPU



# Customer Group

D-Link®

vivo

GIGABYTE™

ASUS®

Lenovo™

  
FABULUX LED  
— 领灿科技 —

  
msi

  
ADATA™  
威刚科技

ARUN

hp



oppo





**04**

## **Future Prospect**



# COMPANY PROSPECT

Continuous development and innovation of hot demand products to achieve price and finished product advantages, to meet customer needs

**Honesty**  
**Integrity**

**Innovate**  
**Actuate**

**Leader of**  
**Industry**

**Create the**  
**Future**



**THANKS**

