



2023

Shenzhen Halnziye Electronics Co.,Ltd.



Company Introduction

Brand Promotion Product Details
Company Culture

CATALOG



COMPANY



PRODUCT



CUSTOMER



CONTACT

01

Halnziye®

Make Your Cooling Life

COMPANY



Company Introduction

Shenzhen Halnziye Electronics Co. Ltd

深圳市华能智研电子有限公司

We, Shenzhen Halnziye Electronics Co.,Ltd. , are leading thermal interface materials(TIM)(thermal grease, thermal glue, thermal pad etc.) manufacturer in China over 10 years. We devote to provide the best thermal interface materials and cooling solution to the customers all over the world. To slove heating problem of the electronics products.





Team Introduction

Shenzhen Halnziye Electronics Co. Ltd
深圳市华能智研电子有限公司



Professional

Aspiring

Innovation

Dedicated



Our Team



Team is especially appropriate for conducting tasks that are high in complexity and have many interdependent subtasks.

Professional -- Work together more than 10 years with the customers from PC&Heatsink&LED industris.

Innovation--Innovation is the life of us,we are trying to develope better and more high performance products.

Dedicated--We will endeavor to make its contribution to the industry development and the rise of national enterprises with more careful market analysis, more humanized products and constantly improved service.

Aspiring--We have a dream--to be the super TIM manufacturer and contribute more to society



Development Course

Shenzhen Halziye Electronics Co. Ltd
深圳市华能智研电子有限公司

Registered Hongkong
Company

Revenue over
CNY 20,000,000

2007

Everything were ready
for the company

2014

Built the Branch in
Zhongshan

2018

2015

2010

Built the Branch in
Taiwan

2016

Moved to new
factory

2009

Registered



Corporate Events

Shenzhen Halnziye Electronics Co. Ltd
深圳市华能智研电子有限公司

2009

Established on
Sept. **2009**

2010

Built website and
registered the
brand "HALNZIYE"
on **2010**

2014

Built the branch of
Zhongshan city on
Mar. **2014**

2015

Turnover is 12
million on Dec.
2015

2017

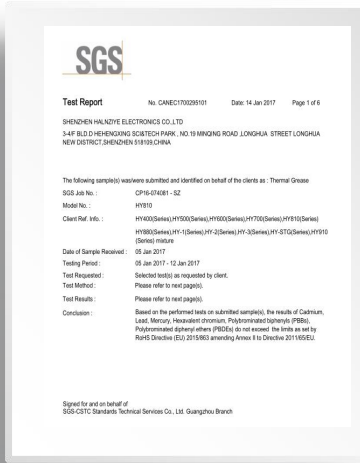
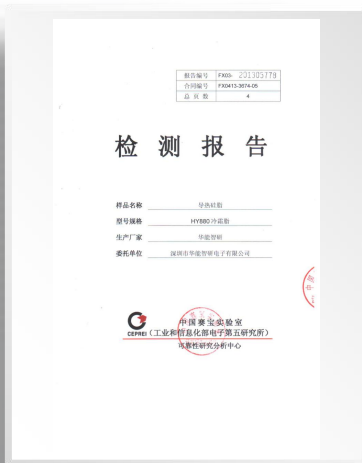
Launched the New
Nano Tech high
performance thermal
grease HY883 on
Sept. **2017**

2019

Launched HY-P13, HY-
P11 extrem performance
products on Mar. **2019**

2023

Launched HY-
P15,P16,HY153 extrem
performance products on
Mar. **2022**



1. Thermal Grease First Producing Standard in China

2. Test Report from authoritative lab--CEPREI

3. RoHS&SVHC Certificate from SGS

4. CE Certificate





Own Resources

Shenzhen Halziye Electronics Co. Ltd
深圳市华能智研电子有限公司



**Turnover
of the year**

**Twenty-Two
Million**



Branches

Three



Employees

Sixty



Agents

Twenty



Core Tech

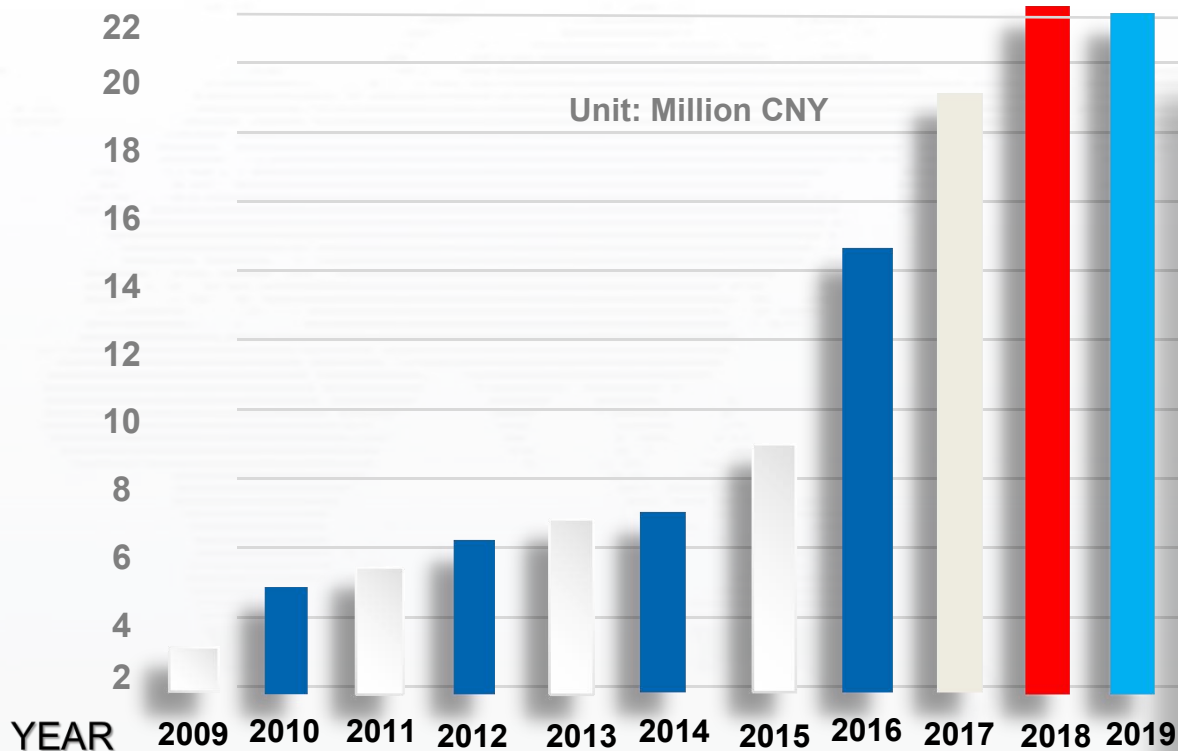
Twelve



Operating Performance

Shenzhen Halziye Electronics Co. Ltd
深圳市华能智研电子有限公司

Amount



Turnover

Turnover of the year is raising since we established on the year. Especially the year 2016 and 2017, because of more high performance products and better service. Turnover is more than 22 million CNY in the whole year of 2018

22,000,000

02

Halnziye®
Make Your Cooling Life

Product

ENTERPRISE PRODUCTS



Full Products

Shenzhen Halnziye Electronics Co. Ltd
深圳市华能智研电子有限公司

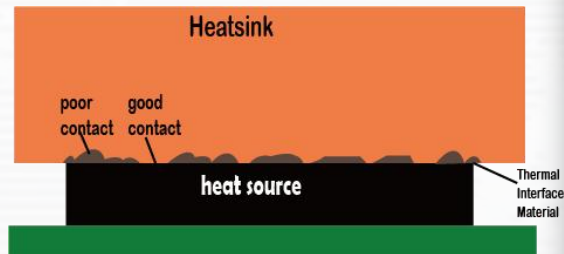




Working Principle

Thermal Grease is also named with thermal paste, thermal compound or heatsink compound
Main materials are silicone oil and metal oxide, it is good material for heat transfer

3 keys: heat source, TIM, heat sink



1. Smaller particles mean better in theory, because small particles powder will be good connect when mixed by silicone oil, and also good filler for the gaps
2. Best thickness is 0.13~0.15mm, a very thin layer
3. Thermal conductivity is the key data for thermal interface materials



As smooth as the metal surface may feel, it is not smooth in fact. There are still small gaps, heatsink and heat source are not contact 100% of the surface. You need good filler to fill the small gaps and transfer heat from the heat source to heat sink. Thermal Interface Materials (thermal grease & thermal pad & thermal glue etc.) are the exact materials to do so.



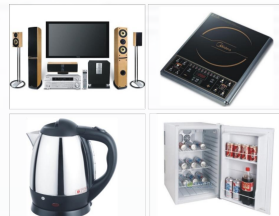
Applications



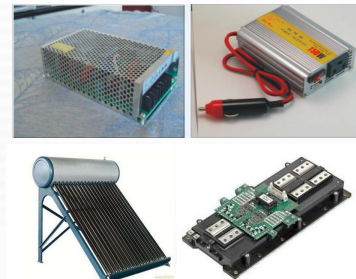
CPU&GPU



LED and Power Supply



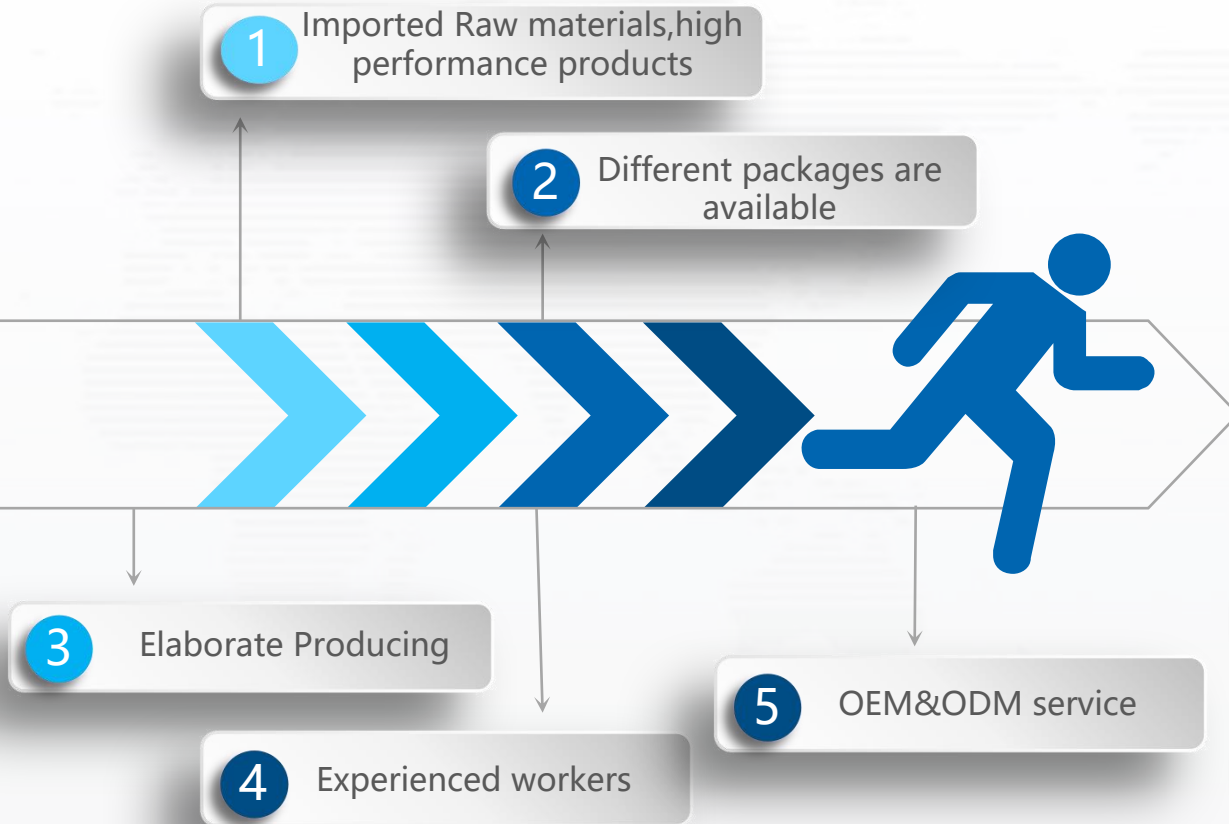
Home Appliances



Other Electronics Components



Our Advantage



All of the silicone oil import from ShinEtsu Japan, 60% of other

materials are imported, best thermal paste thermal conductivity from **1.42~13.4W/m-K**

Provide different TIM products with different packages for different industries

grinding, stirring, vacuumized etc., control each step very well

Engineer working experience more than 20 years

Senior OEM&ODM service provider



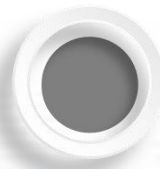
Product Overview

Shenzhen Halnziye Electronics Co. Ltd
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■ HY400 Series

HY400 White Thermal Grease



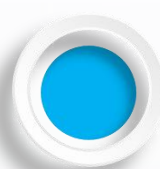
■ HY700 Series

HY700 Silver Thermal Grease



■ HY500 Series

HY500 Grey Thermal Grease



■ HY810 Series

HY810 Grey Thermal Grease



■ HY600 Series

HY600 Gold Thermal Grease



■ HY880 Series

HY880 Grey Thermal Grease



■ HY910 & HY100 Series

HY910 White Thermal Glue
HY100 Therma pad



■ HY-P Series

HY-P15, HY-P16 Extreme
thermal paste



Cost Effective Products

Shenzhen Halnziye Electronics Co. Ltd
深圳市华能智研电子有限公司



HY400 Series

HY410 1.42W/m-k

HY420 1.63W/m-k

HY430 1.84W/m-k

HY450 2.15W/m-k



HY500 Series

HY510 1.93W/m-k

HY520 2.3 W/m-k

HY530 2.5 W/m-k

HY550 2.7 W/m-k

HY400 white thermal grease and HY500 grey thermal grease are good cost effective version. Thermal Conductivity less than 3.0W/m-K. Good performance for LED&Solar products&home appliances etc.



HY600&HY700 for Computer&Laptop

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HY600 Gold thermal grease is special for computer&laptop. It maintains “gold” power, very good performance when you use it

HY700 silver thermal grease, color like the Arctic Silver 5, and it is very popular in North America market, good choice for normal laptop and notebook.



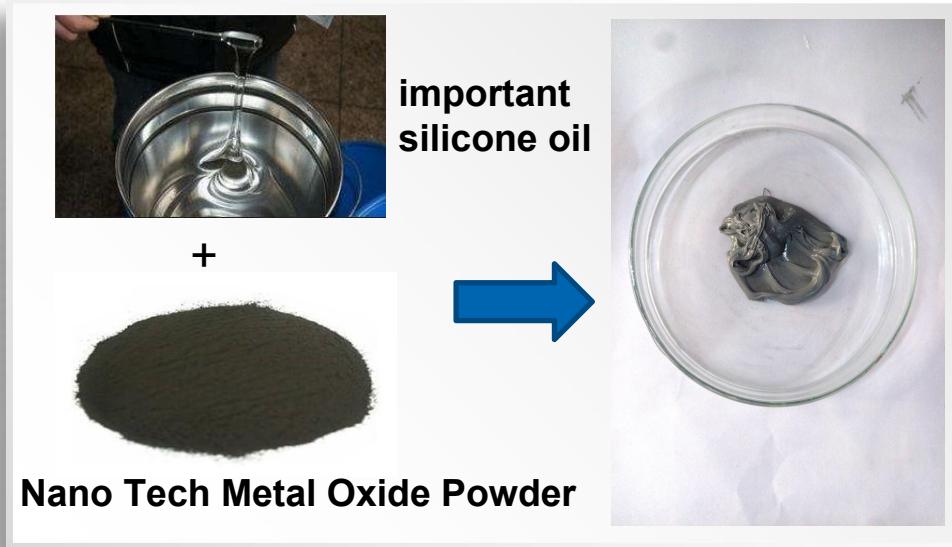
HY810 and HY880 Grey thermal greases are high performance products, work very well on high power LED, GPU and precision instrument. Good replaced products for ShinEtsu and Dow Corning thermal greases



HY883 High Performance Product

Shenzhen Halnziye Electronics Co. Ltd
深圳市华能智研电子有限公司

HY883 Super Nano Tech Thermal Grease



HY883 is new thermal grease with high thermal conductivity 6.5W/m-K and ultra-low thermal impedance. Imported nano tech raw materials from ShinEtsu with special grinding, stirring, vacuumized, perform very well on gaming PC

Item	Data
Model	HY883
Thermal conductivity	6.5W/m-K
Thermal Impedance	$<0.00018^{\circ}\text{C}\cdot\text{in}^2/\text{W}$
Specific Gravity	$3.25\text{g}/\text{cm}^3$
Working Temperature	$-30\sim 280^{\circ}\text{C}$
Thixotropic Index	300 ± 10 1/10mm



Extreme performance thermal grease for high-end gaming devices & overclocking & water cooling

HY-T1--thermal conductivity 8.3W/m-K

HY-A9--thermal conductivity 11.0W/m-K

HY-P13--thermal conductivity 13.4W/m-K

HY-P15--thermal conductivity 15.2W/m-K



Extreme Performance Products

Shenzhen Halziye Electronics Co. Ltd
深圳市华能智研电子有限公司



Extreme performance thermal pastes for overclocking, liquid cooling, high-end gaming devices



Retail Packages

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深圳市华能智研电子有限公司



We can provide several kinds of retail packages for the customers, blister card, OPP bag, paper box, gift box etc., such retail packages are selling very well, most of the **OEM&ODM** customers use them.

03

Halnziye®
Make Your Cooling Life

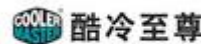
Customers



Business Partner

Shenzhen Halziye Electronics Co. Ltd
深圳市华能智研电子有限公司

1.PC&HEATSINK CUSTOMERS:



2.LED Lighting Industry



3.Others



04

Halnziye®
Make Your Cooling Life

Contact



Contact Us

Shenzhen Halnziye Electronics Co. Ltd
深圳市华能智研电子有限公司



QR CODE

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Thank You