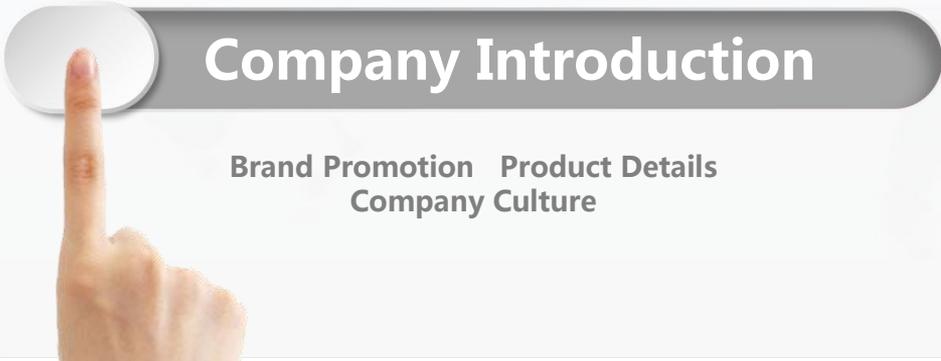




2026

# Shenzhen Halnziye Electronics Co.,Ltd.



Company Introduction

Brand Promotion Product Details  
Company Culture

# CATALOG



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CUSTOMER



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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 specialized in Silicone Based Thermal Interface Materials(TIM)(thermal paste, thermal putty, thermal gel etc.) manufacturer in China over 20 years,We devote to provide the best thermal interface materials & cooling solution to the customers all over the world. To solve 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 15 years with the customers from PC&Heatsink&LED Lighting industris.

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

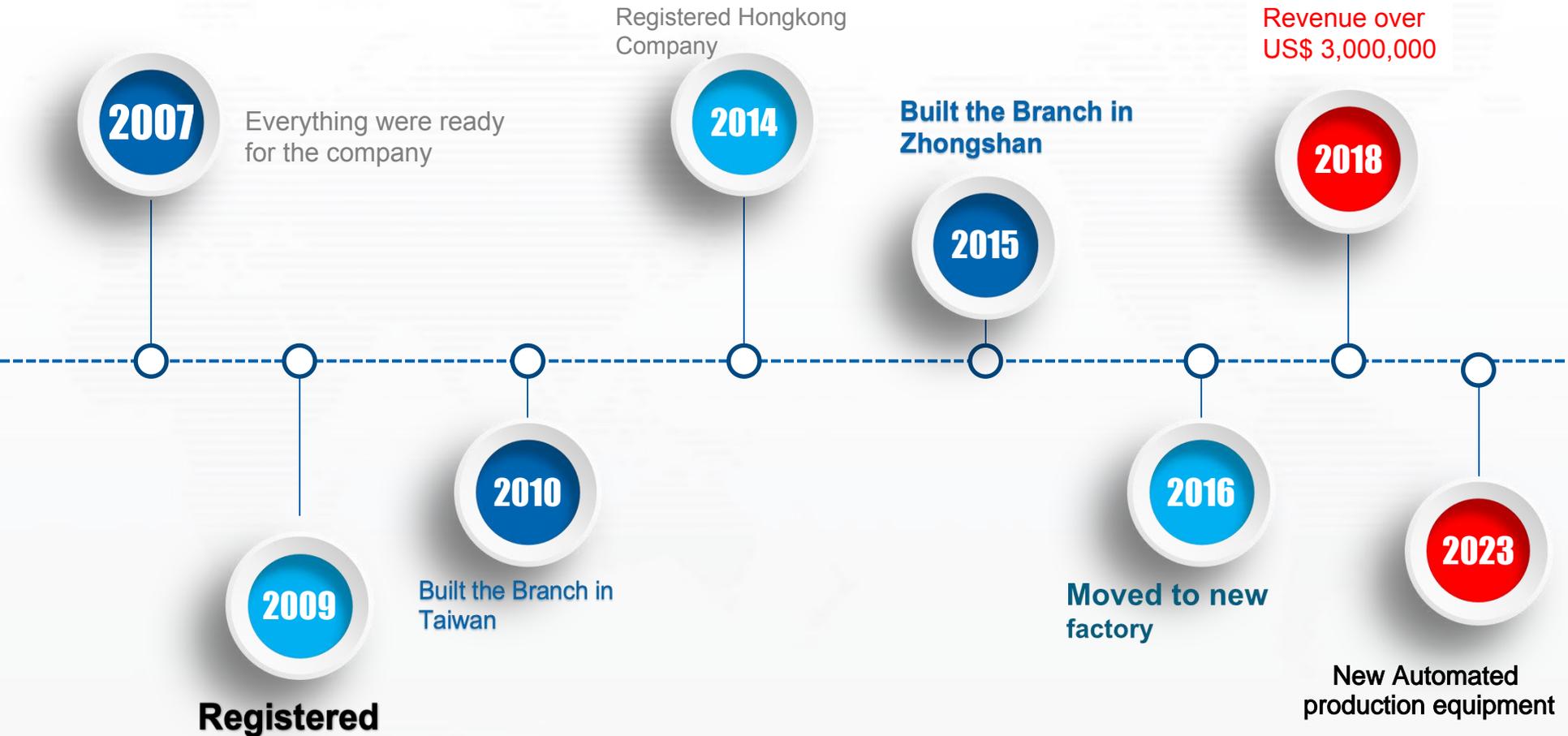
**Dedicated**--We will endeavor to make its contribution to the industry development and the rise of national enterprises with more careful market analysis, more humanized products and constantly improved service.

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



# Development Course

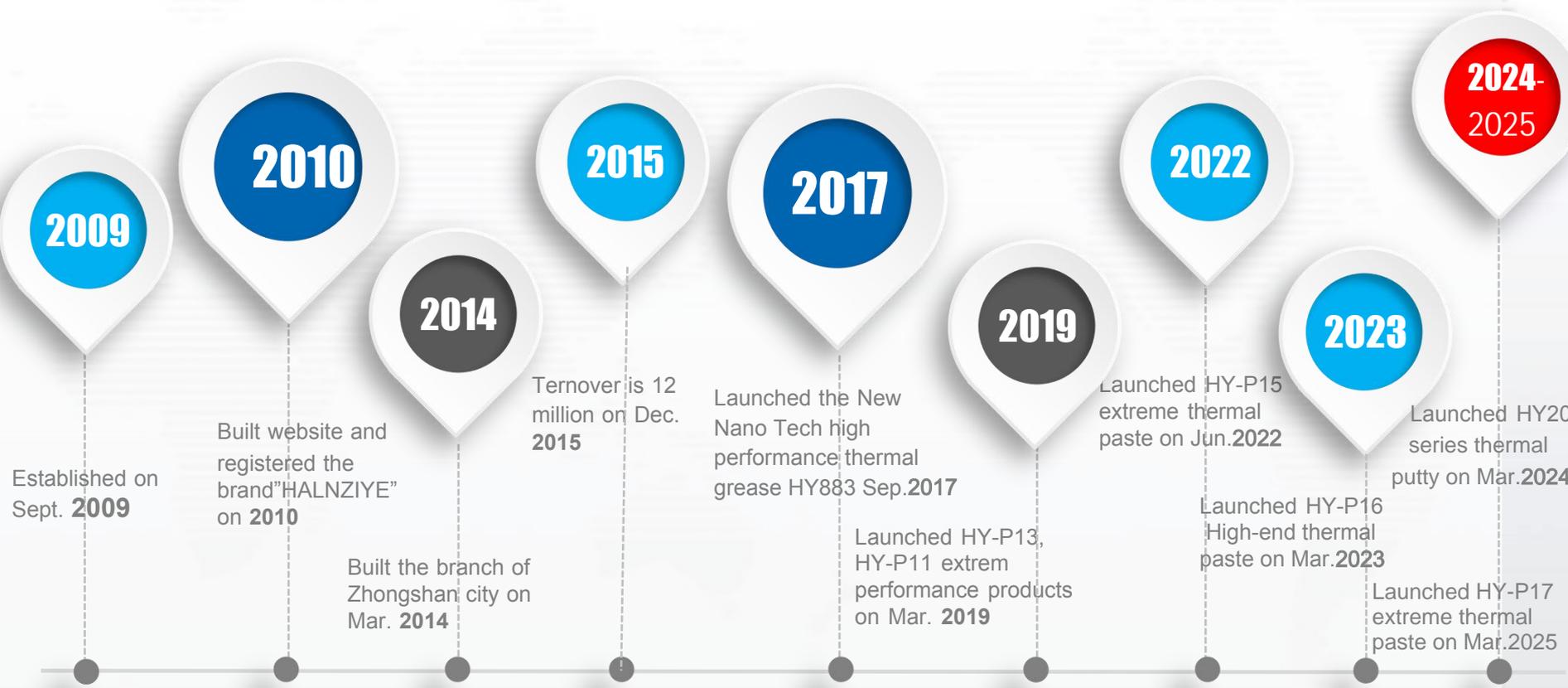
Shenzhen Halziye Electronics Co., Ltd.  
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# Corporate Events

Shenzhen Halnziye Electronics Co., Ltd.  
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# Technology Resources

Shenzhen Halnziye Electronics Co., Ltd.  
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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**

**3.5 Million  
US\$**



**Branches**

**Three**



**Employees**

**Sixty**



**Agents**

**Twenty**



**Core Tech**

**Twelve**

02

Halnziye®  
Make Your Cooling Life

# Product

ENTERPRISE PRODUCTS



# Full Products

Shenzhen Halziye Electronics Co., Ltd.

深圳市华能智研电子有限公司

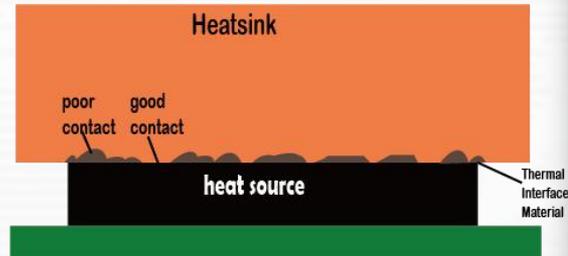




# Working Principle

**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, heat sink 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

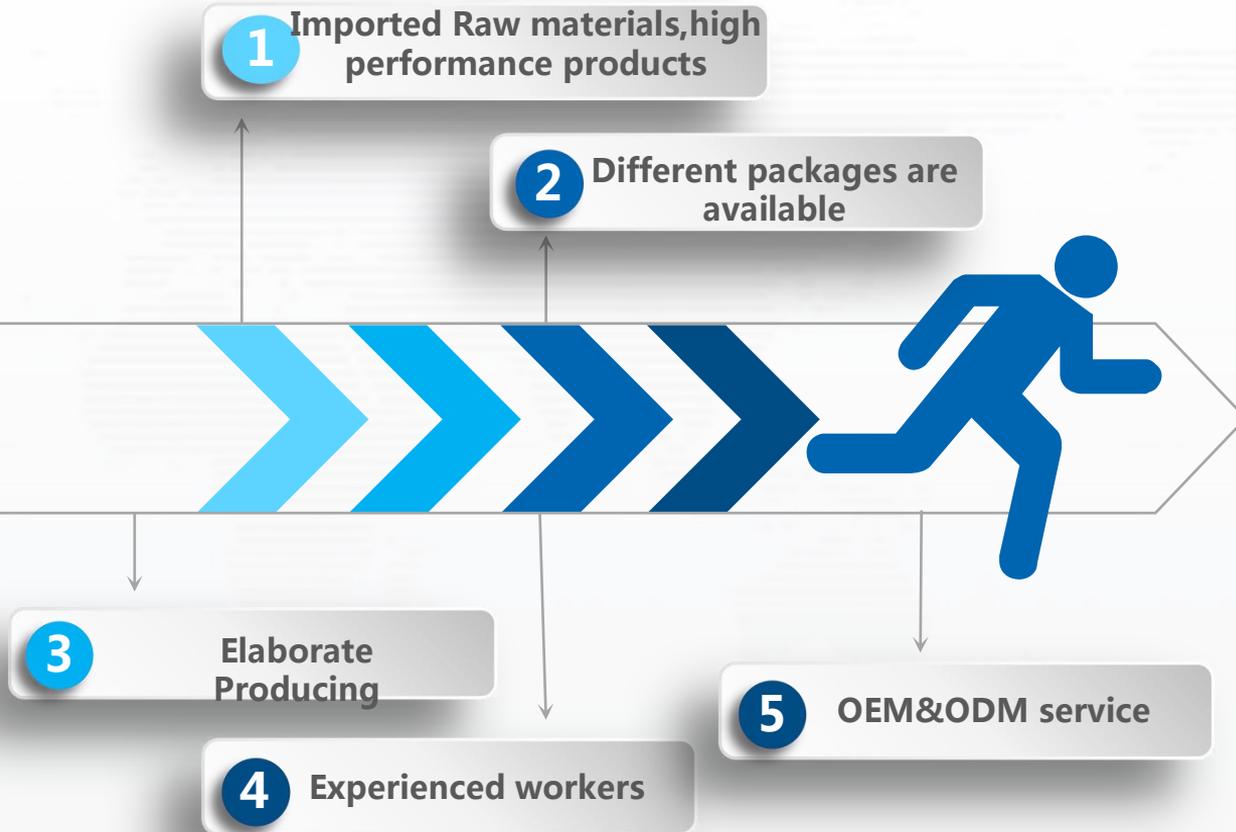


Other Electronics Components



# Our Advantage

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



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

materials are imported, best thermal paste thermal conductivity from **1.42~16.1W/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



## ■ HY-P Series

Extreme Thermal Grease



## ■ HY200/HY300 Series

HY200 Thermal Putty

HY300 Thermal Gel



# Cost Effective Products

Shenzhen Halnziye Electronics Co., Ltd.  
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## 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 is below 3.0W/m-K. Good performance for LED&Solar products&home appliances etc.**



# HY600&HY700 for Computer&Laptop

Shenzhen Halnziye Electronics Co., Ltd.

深圳市华能智研电子有限公司



**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&HY880 High Performance Product

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**HY810 Series (3.0W/mk ~4.63W/mK) and HY880 Series (5.15 ~ 7.15 W/mK)** Grey

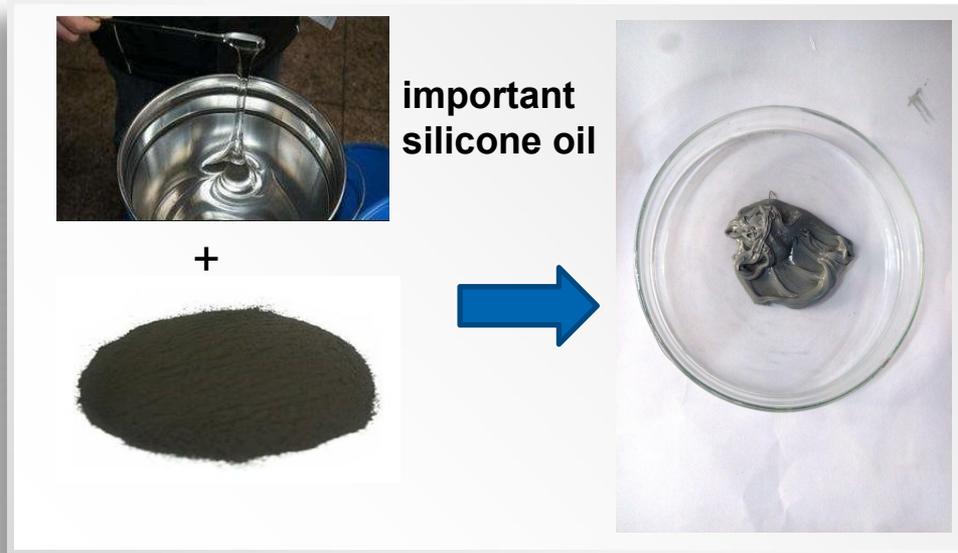
thermal grease are high performance products, work very well on high power LED, GPU and precision instrument. Good replaced products for ShinEtsu and Dow Corning thermal greases



# HY885 High Performance Product

Shenzhen Halnziye Electronics Co., Ltd.  
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## HY885 Super Nano Tech Thermal Grease



### Nano Tech Metal Oxide Powder

HY885 is new thermal grease with high thermal conductivity 7.15W/m-K & 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	HY885
Thermal conductivity	7.15W/m-K
Thermal Impedance	$< 0.0014^{\circ}\text{C}\cdot\text{in}^2/\text{W}$
Specific Gravity	$2.58\text{g}/\text{cm}^3$
Working Temperature	$-30\sim 150^{\circ}\text{C}$
Thixotropic Index	$240 \pm 10$ 1/10mm



# Extreme Performance Products

Shenzhen Halnziye Electronics Co., Ltd.  
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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**

**HY-P16--thermal conductivity 16.1W/m-K**

**HY-P17--thermal conductivity 17.3W/m-K**



# Extreme Performance Products

Shenzhen Halnziye 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



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.



# HY200 Silicone Thermal Putty

Shenzhen Halziye Electronics Co., Ltd.  
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HY200(HY204, HY206 , HY208 and HY2010) series Silicone Thermal Putty thermal conductivity from 4.0 to 10.w/mk. You can also call it “Thermal Paste”, but much thicker. It is perfect for ASIC Mining machine, GPU RAM & Samrt phone machine replacing Thermal Pad. Pink & Blue &Green & White & Black colors and 1g~1000g contaniers are available.



# HY300 Silicone Thermal Gel

Shenzhen Halziye Electronics Co., Ltd.  
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HY300 series Silicone Thermal Gel, thermal conductivity is 3.0 w/mk. It is original from thermal paste, but different colors available -- Pink & Blue & Green & White & Black. It is good for smart phone CPU.

03

Halnziye®  
Make Your Cooling Life

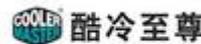
**Customers**



# 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**<sup>®</sup>  
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



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**Thank You**