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HEAT EXPERT TECHNOLOGY (H.E.T)

PROFILE

Headquartered in Ningbo city, a coastal city in eastern China with a very convenient transportation and can be Easily accessed by Sea, Air and land transportation as Well.



A company consists of a team of experts and youngs , We are specializing in producing electrothermal products, i.e., immersion heater, band heater, mica heater, flexible heating film, PTC heating elements, Aludrome heating film and other various heaters like fan heater, toasters, industrial heaters and so on.

As a major manufacturer and leading exporter in China, We have two manufacturing plants and we're committed to providing products with high quality, green-energy and safety using.

In addition, we have our own R&D dept. which could meet with the high-end markets. All of our new-type electrothermal elements have been approved by CE, ROHS and we are also ISO9001:2000 system approved. With advanced production facilities, testing equipments and stable output, we're working continually to supply our clients with quality products, latest innovation solutions and all-around services.

We value our suppliers same as our customers, this makes us in a good position to act like a sourcing agent in China and we're committed to providing our customers from all over the world a most competitive price with high quality products. We are honored to work for you always with your approval.

To make high quality products for you, to source the best suitable products for you is what we are striving for...

H.E.T – We provide you a warm world.

PRODUCTS

- HEATING ELEMENTS

IMMERSION HEATER (FOR AIR OR WATER HEATING)

Roaster,bread toaster,stove,furnace
water boiler,and other home appliances
Voltage/Wattage can be customized
as required,and Wattage tolerance
(cold condition):+5%-10%



Tube diameter can be changed to 6.6mm,
8.0mm,10.0mm or others as requested
Materials can be changed to be copper,
sus321,sus316L,incoloy804,
incoloy800 as requested



Characteristics:

- 1.According to thermal cycling work condition of equipment,we adopt excellent raw material to meet the demand of corrosion and high temperature resistance.
- 2.Special manufacturing technology guarantees resistance value will be 1000MΩ after long-time placement.
- 3.Specially technical treatment on tube surface to avoid generating water scale.

BAND HEATER (FOR WATER DISPENSER OR INJECTION MACHINE)

It is applied to nozzle heating device of injection molding machine or water dispenser and featured by rational structure, handsome appearance, stable performance, fast and even heating, good insulating property and high pressure resistance. It can be customized according to actual sizes.



Band heater



Band heater for plastic injection machine



Band heater for water dispenser



Never faded after heated



Can be designed as mica band heater or ceramic band heater (Nozzle heater) according to different power in need.

CATRIDGE HEATER

1. Cartridge heater elements are cylindrical electrical heating elements;
2. (1) Mostly used for heating up solids such as injection presses heating plates or various tools,
(2) they can also be used for heating up water or gases under certain conditions.
(3) Widely used for manufacturing plastic and rubber parts in the car industry or in the food processing industry etc.
(4) They are also commonly found in the chemical, electronics, medical equipment, packing and nuclear industries;

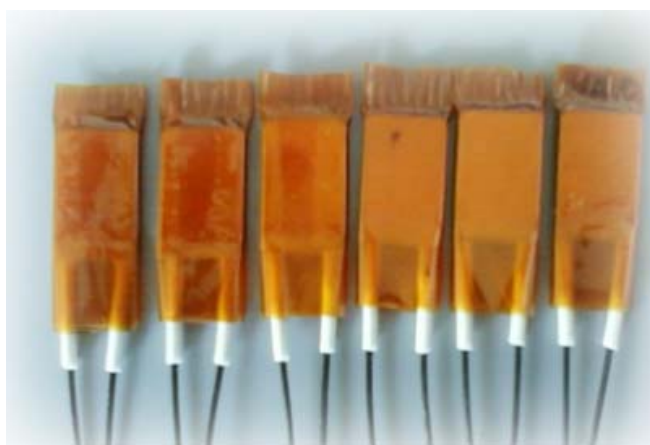


3. This electric heating element provides long-lasting protection even in the most rugged industrial environments;
4. Various cartridge heater technologies are available;
5. The choice of technology will depend on technical specifications required and the application;
6. If you are not sure which product you are looking for, we will recommend you the best solution for your needs

PTC HEATING ELEMENTS

Application:

Electric heater, Hand dryer,
Foot massager, Coffee maker,
Mosquito Killer, Hot melt glue gun
And Hairdressing devices, and so on



Specifications:

Surface temperature: 100°C ~ 290°C
Rated voltage: AC100~250V DC12~36V
Insulation resistance: $\geq 100\text{M}\Omega$
Withstand voltage: AC3750V/2 seconds
Creepage current: $\leq 0.5\text{mA}$

Can be designed according to
Customers' special requirement.



Various PTC coils or heating elements for air conditioner, Electric heater, Hand dryer,
Foot massager, Coffee maker, Mosquito Killer, Hot melt glue gun, And Hairdressing devices,

Carbon Fiber heating tube / Quartz heating tube

Applications:

Heaters, Light-wave Oven,
bathroom heater, Sterilizer heater,
material foamed heater, Kiln Dryer,
Dishwasher heater, roast heater, fireplace heater,
Low and middle temperature heat treatment in the industrial process, acid solution
heater, Room heater, Far-infrared radiation heater for agricultural shed.



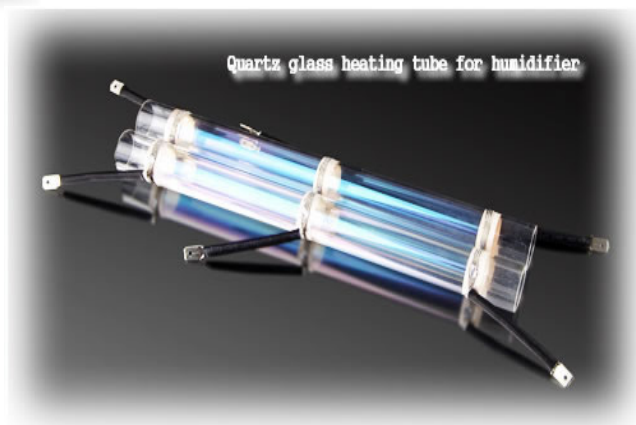
Features:

1. High thermal efficiency;
getting warm well-distributed;
2. High energy-saving, the convert rate
for heat can be up to 98%;
3. No impact current will occur when started
and with a stable electrothermal watt during its working;
4. Long using life, 5000 hours.(USA.NASA)



Quartz glass heating tube for foot
massager or water fountain..

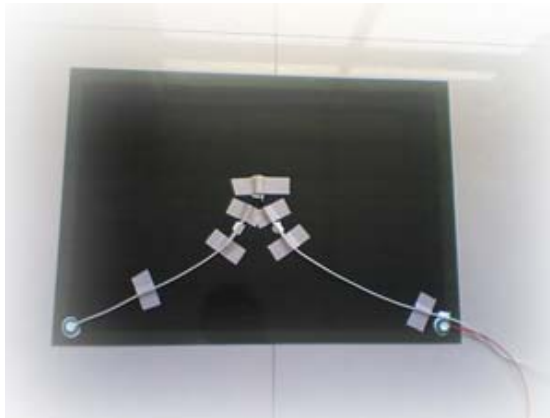
Application: Household appliance
and industrial water heating equipment
like RO, Humidifier, Automatic pedestal pan,
Industrial water heating appliance etc.



Carbon Fiber heating Board

Application:

Heater, Massager table,
Sauna room, Physical therapy belt,
Precision therapy belt, Precision instrument,
Under floor heating, Thermostat, Dehumidifier.



Features:

- 1、Thin and flexible,
could be rolled into a semi-circle.
- 2、Environment-friendly and healthy
made of natural material
- 3、Far infrared radiant, it has very
remarkable physical therapy effect
- 4、Life time is as long as 30,000 hours

Can also be adopted as a heating plate for indoor application like below:



A heating glass to make the bath room
Feel warm as comfortable as it can.



CERAMIC HEATING PIPE / EMBEDDED CERAMIC HEATER

Ceramic heating pipe

Application: Convection heater, Oven

Features:

- 1、 Air duct structure, Strong air convection
- 2、 Switch on and warm instantly, energy efficient
- 3、 Generate no light or fume, approved by ROHS



Embedded ceramic heater

60*240mm

80*240mm

120*120mm

And its standard power like 500W/600W/850W/900W/1200W...

Temperature can be designed from 400 deg.C to 900 deg.C...

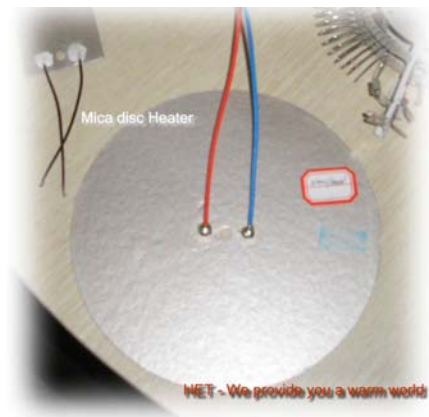
And we can also offer special size according to our customers unique designs



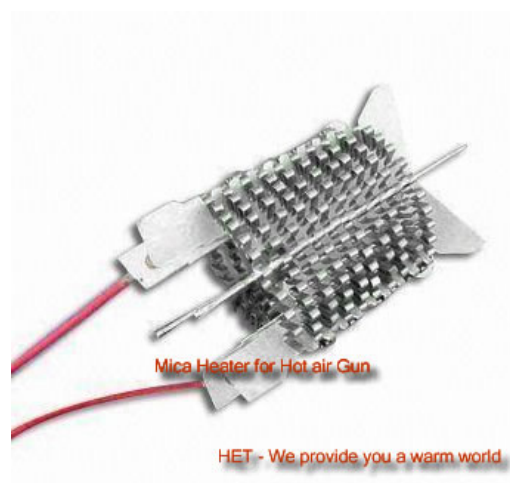
MICA HEATING ELEMENTS



MICA HEATING PLATES AND HEATING CIRCLES



MICA HEATING SHEET for CONVECTION HEATERS AND DISC HEATERS

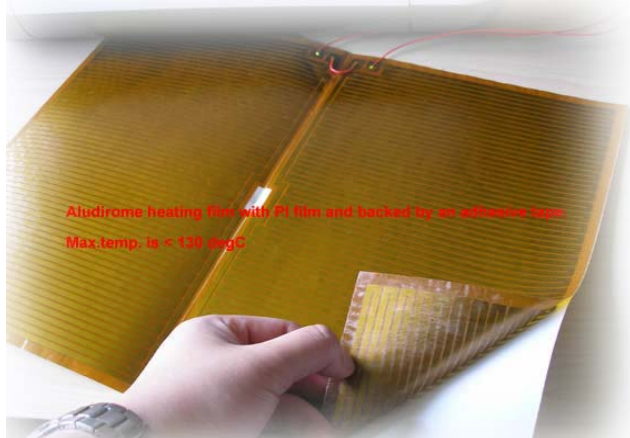


METAL AND MICA HEATING ELEMENTS FOR AIR HEATER AND HOT AIR GUN

ALUDIROME HEATING FILM(PET FILM OR PI FILM AVAILABLE)



Flexible and can be designed as a glove heater, insole heater, sleep bag heater and its temperature can be designed from 40degC to 130degC. And also can be backed with an adhesive tape which can be easily pasted to any body that you are going to heat like below:



Aludirome heating film with PI film and backed an adhesive tape



Aludirome heating film with PET film
and backed an adhesive tape

IRON HEATING PLATE AND STEAM HEATING ELEMENTS



Cast-in heaters are available
In a variety of designs and
styles suitable for
different applications.

Specifications

Cast-in iron heater

1,iron alloy

2,high power 45 w/sq inch

3,size and shape can be customized

4,10-15 days lead time,CE



They are very efficient and
provides long lasting trouble free service.
The cast-in heaters are made in aluminum,brass and bronze.
The type of alloy to be casted depends
upon the application,max operating temperature &
watt density.

- HOME APPLIANCE

TOASTERS



CT-839



CT-888



CT-912



CT-913



CT-915



CT-916



CT-918



CT-920



CT-801



CT-802



CT-803



CT-804



CT-807



CT-808



CT-809



CT-810



CT-812



CT-813



CT-815



CT-816



CT-817



CT-819



CT-828



CT-829



CT-830



CT-831



CT-832



CT-833



CT-835



CT-836



CT-837



CT-838



CT-808G



CT-808R



CT-809G



CT-809R



CT-819G



CT-819R



CT-828G



CT-828R



CT-830G



CT-830R



CT-831G



CT-831R

FAN HEATERS



CERAMIC FAN HEATERS

 <p>Model:PTC-150A More</p>	 <p>Model:PTC-150B More</p>	 <p>Model:PTC-150C More</p>
 <p>Model:PTC-700 More</p>	 <p>Model:KPT-2010 More</p>	 <p>Model:PTC-902 More</p>
 <p>Model:PTC-902L More</p>	 <p>Model:PTC-905A More</p>	 <p>Model:PTC-903 More</p>
 <p>Model:PTC-903L More</p>	 <p>Model:PTC-913B More</p>	 <p>Model:PTC-903BL More</p>
 <p>Model:PTC-909 More</p>	 <p>Model:PTC-909A More</p>	 <p>Model:KPT-2000 More</p>

INDUSTRIAL FAN HEATERS



IFH01/ 02H Series



IFH01/ 02C Series



IFH01/ 02CA Series



IFH01 Series



IFH02 Series



IFH03 Series



IFH03A Series



IFH04 Series



IFH05 Series



IFH-F3



C3-1



C5-3



C9-3



E2



E3



C15-3



C30-3



E2A



E3A



H3



H5



Industrial Diesel Heaters
A SERIES



Industrial Diesel Heaters

ELECTRIC FRYING PAN



HOT MELT GLUE GUN



We can offer our customers high quality glue gun with different models.
And for sticks, from 7mm~15.3mm

(Special requirement like 18mm shall be rediscussed based on the quantity)

Powers from 10W to 500W...



- ACCESSORIES AND COMPONENTS OF HOME APPLIANCE

CARBON FIBER PRODUCTS

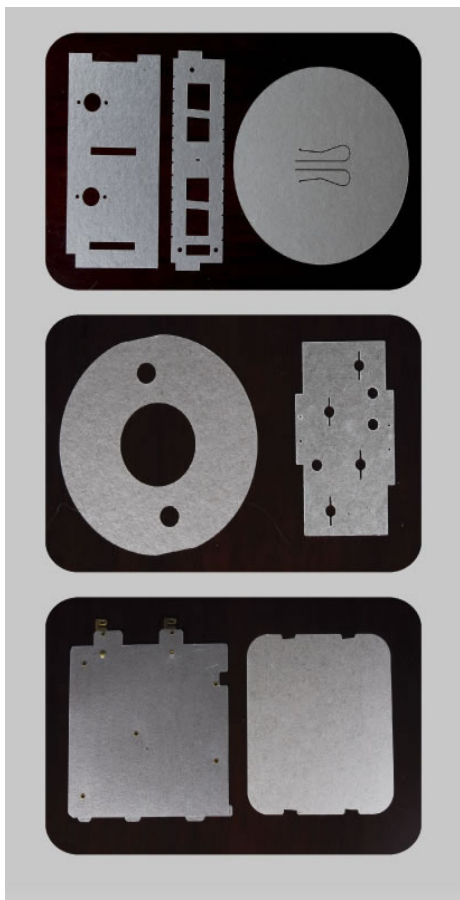


The properties of carbon fibers, such as high flexibility, high tensile strength, low weight, high resistance, high temperature tolerance and low thermal expansion, make them very popular in aerospace, civil engineering, military, and motorsports, And act as an alternative to metal due to its strong stiffness.



We have been specialized in this carbon fiber products for many years and we have a lot of experience to make it according to customer's unique application in need with the different strength directions or mixed with some other materials to make it strong enough with all directions.

MICA PUNCHED PARTS



As a good insulation material, Mica has a good performance in acting in home appliance and most of our electronics would use this material. Due to its high temperature resistant and high voltage resistant as well.

It can be offered in two shapes – Flexible and Rigid by its functions.



And with its temperature resistant, it can be made in two different ways:

Muscovite – 500degC

And Phlogopite – 800degC

Can be designed according to drawings.

Good application in washer/gasket/tube section.



Normal Size is:

600*1000mm

1200*1000mm

50kgs/Bag

1000kgs/pallet

High quality



NATURAL MICA PARTS



V1 Quality without any dirt

We can offer variety of natural mica products
like level guage,condenser film,
Mica washer,mica disc,mica punched parts

It can act as insulation material,better than
Fabricated mica products.

It can withstand a temperature more than
1000 degC



云母异型冲件

Heat Expert Technology
海曙希博特电热科技有限公司

METAL STAMPING PARTS OR EXTRUDED PARTS (STEEL,ALUMINUM,IRON..)



H.E.T - METAL PARTS

We have our own punching machine
And extruding machines.
Can offer excellent metal parts
According to customer's drawing.



Drawer steel parts



Lock

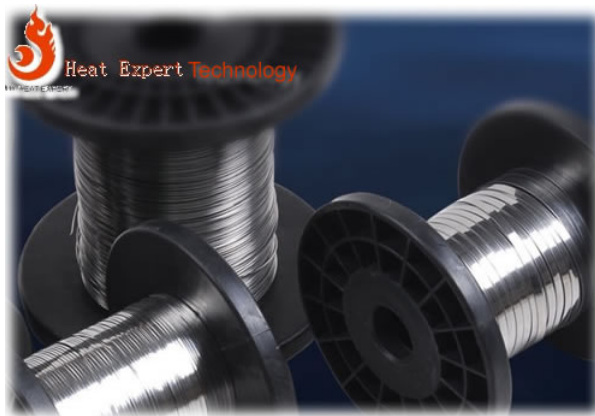
We can get good quality metal material from our cooperated suppliers in China and due to our long standing business relations, we can get even small quantity to cater for customer's sample production with different material in need, like SS201, SS304, Aluminum alloy, Chrome, Copper alloy and so on. And we have our own punching machines and R&D teams which enable us to follow up with your special requirement.



**Aluminum Extruded parts
H.E.T OFFERS**

ALUMINUM EXTRUDED PARTS

HEATING WIRES / RESISTANCE WIRES / HEATING ALLOYS



We have good relations with suppliers
Since we are buying from them with
Big quantity to produce our appliance.
In this case, we can offer you good
Quality heating wires with competitive
Price since we buy big quantity from
Our suppliers and we are in the good
Position as well to offer you small
Quantity directly from our factory stock.



We can offer variety of heating wires/resistance wires according to customers requirement.

i.e. Cr20Ni80, Cr15Ni60, Cr20Ni30... Tinned copper covered steel wire... Cu-Zn-Ni alloy
wire... 1Cr13Al4, 0Cr21Al4, 0Cr25Al5, 0Cr21Al6, 0Cr21Al6Nb, 0Cr27Al7Mo2, 0Cr23Al5...

RUBBER GASKET / RUBBER RING / RUBBER PARTS



We can offer our customers with standard-size products included American Standard (AS 568), DIN 3771, JIS B2401, ISO 3601, BS 0806... Moreover, different types of non-standard size O-ring will also be offered.



Meanwhile, we can offer customers various rubber parts according to customers' unique drawing and even special raw material needed, NBR, VITON, KFM, EPDM, F4, SILICON...

CERAMIC PARTS

We can offer varieties of ceramic parts such as below

95% Alumina

99% Alumina

Steatite

ullite

Cordierite



We have good relationships with our ceramic suppliers in China and we have the confidence to say that we can offer you competitive price along with good quality products.

POWER SOCKETS



ROCKER SWITCHES





We provide you a warm world.

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