

## Tubular Heater



### >>Immersion Heater

Sheath material: AISI304/304L/321/309S/316L,  
Incoloy800/825/840, copper ;  
Sheath diameter: 6.25-12.5mm ;  
Sheath length: Max.7000mm;  
Sheath temperature: Max.927°C



### >>Air Heater

Sheath material: AISI304/304L/321/309S/316L,  
Incoloy800/840, aluminum;  
Sheath diameter: 6.25-12.5mm ;  
Sheath length: Max.8000mm;  
Sheath temperature: Max.927°C



### >>Finned Heater

Sheath material: AISI304/321/316/309S,  
Incoloy800/840, copper plated mild steel, aluminum ;  
Fin material: AISI304/430, nickel plated steel, al-plated  
steel, aluminum;  
Sheath diameter: 8-18.5mm;  
Sheath temperature: Max.927°C



### >>Hot Runner Heater

Sheath material: AISI304/304L/321/309S,  
Incoloy800/825/840;  
Sheath diameter: 5-10mm ;  
Sheath length: Max.2000mm;  
Sheath temperature: Max.927°C

## Tubular Heater



### >>Double Profile Heater

Sheath material: aluminum;  
Water tube diameter: 10.0/8.5mm ;  
Sheath temperature: Max.350°C;  
Pressure resistance: Max. 15 bar



### >>Integrated Pump Heater

Sheath material: aluminum;  
stainless steel plate material: AISI304L/316L, with e-polish ;  
Water temperature: 72-100°C;  
With thermo fuse and thermostat



### >>Flow Through Heater

Sheath material: aluminum;  
Water tube material: aluminum/stainless steel;  
Sheath temperature: Max.350°C



### >>Casting Heater

Sheath material: copper plated mild steel/mild steel/stainless steel;  
Sheath diameter: 6.5/8.0/10.0mm ;  
Sheath temperature: Max.270°C

## Non-Tubular Heater

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### >>Cartridge Heater

Sheath material: AISI304/321/316; Incoloy800 ;  
Sheath diameter: 6-20mm ;  
Sheath temperature: Max.860°C;  
Power density: Max. 35W/cm2

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### >>Band Heater

Insulation material: ceramic/mica ;  
Cover material: al-plated steel/AISI304 ;  
Width: Min.20mm;  
Power density: Max. 8W/cm2

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### >>Open Coil Heater

Insulation material: ceramic/mica;  
Cover material: galvanized plate ;  
Operating temperature: Max.1300°C;  
With thermo-fuse and thermostat

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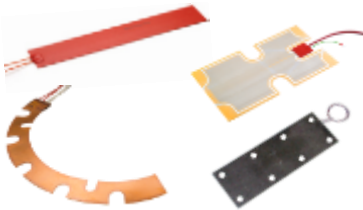
### >>Heating Cable

Insulation material: silicone/PVC ;  
Diameter: 2-8mm;  
Length: Max.20m;  
Temperature: Max.120°C

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# PRODUCTS

## Non-Tubular Heater



### >>Etched Foil Heater

Insulation material: silicone/polyester/polyimide/mica;  
Operating temperature: Max.500°C



### >>Micro tubular Heater

Sheath material: AISI304;  
Length: Max. 2500mm ;  
Operating temperature: Max.550°C



### >>Quartz Heater

Sheath material: quartz;  
Outside sheath diameter: 10.5/20.5mm ;  
Operating temperature: Max.360°C

# PRODUCTS

## Heating System / Sub-system

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**Steam  
Generator**



**Electronic Control**

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**Air Duct  
Heater**



**Circulation Heater**

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**Flow Through  
Heater**



**Flanged Heater**

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**Diesel Engine  
Pre-Heater**



**Oil Circulation  
Pre-Heater**

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