



Zenheat Tech

Company Profile & Product Range

Our Story

Incepted in **2004**, Headquartered in **India**, Zenheat Tech has emerged as a leading manufacturer of precision-engineered heating solutions.

We recognized that the sector was dominated by unstructured trading, inconsistent quality standards, and a lack of systemization that created challenges for manufacturers requiring reliable heating solutions.

With deep industry knowledge and engineering expertise, we established Zenheat to bring structure, precision, and innovation to heating technology.

Zenheat stands as a trusted partner for leading brands across India, delivering heating solutions that combine technical excellence with customer-centric design.

Our journey continues to be guided by our commitment to quality, innovation, and creating value for our customers.

Mission, Vision & Values

Mission

To revolutionize the heating elements industry with precision-engineered, high-quality solutions that enhance efficiency, performance, and reliability.

Vision

To set industry benchmarks through innovation, systemization, and customer-centric excellence with integrity, efficiency, and expertise.

Core Values

- **Precision & Performance:** We craft solutions that deliver unmatched efficiency
- **Innovation & Systemization:** We bring structure to an unstructured industry
- **Integrity & Trust:** We build relationships based on quality and transparency
- **Customer-Centricity:** When our customers win, we win

Why Zenheat?

- **Engineering Excellence:** Our team brings deep technical expertise to every project, developing solutions that optimize performance while maintaining cost-effectiveness.
- **Systemization:** We've built structured processes, predictable quality standards, and reliable delivery systems that our partners can depend on.
- **Customer-Centric Innovation:** Our engineering team works closely with clients to understand their specific requirements and develop tailored solutions.
- **Proven Track Record with Industry Leaders:** Our partnerships with renowned brands like **Havells, Bajaj, Philips, Singer, Usha & many more** demonstrate our ability to meet the exacting standards of India's leading manufacturers.

Industries We Power

Hot Runner Systems

PET Preform Moulding

Injection Moulding

Aluminium Die Castings

HVAC

Home Appliances

Product Range

Our engineering team works closely with clients to develop tailored heating solutions that meet specific performance requirements, ensuring optimal efficiency and reliability across applications.

1. INDUSTRIAL:

- Maxi Coil Heaters
- Micro Coil Heaters
- Sealed Coil Heaters
- Pressed In Brass Coil Heaters
- Nozzle Heaters
- Flexible Tubular Heaters
- High Density Cartridge Heaters
- Hot Runner Accessories
- Hot Runner Temperature Controllers

2. DOMESTIC:

- OTG Elements
- Steam Iron Elements
- Gravity Iron Elements
- Rice Cooker Elements

Maxi Coil Heaters



Available Sections

Diameter	Cross Sections
2.9	Ø Round
3.3	Ø Round
3.8	Ø Round
1.8 X 3.2	Flat
2.2 X 4.2	Flat
3 X 3	Square
3.3 X 3.3	Square

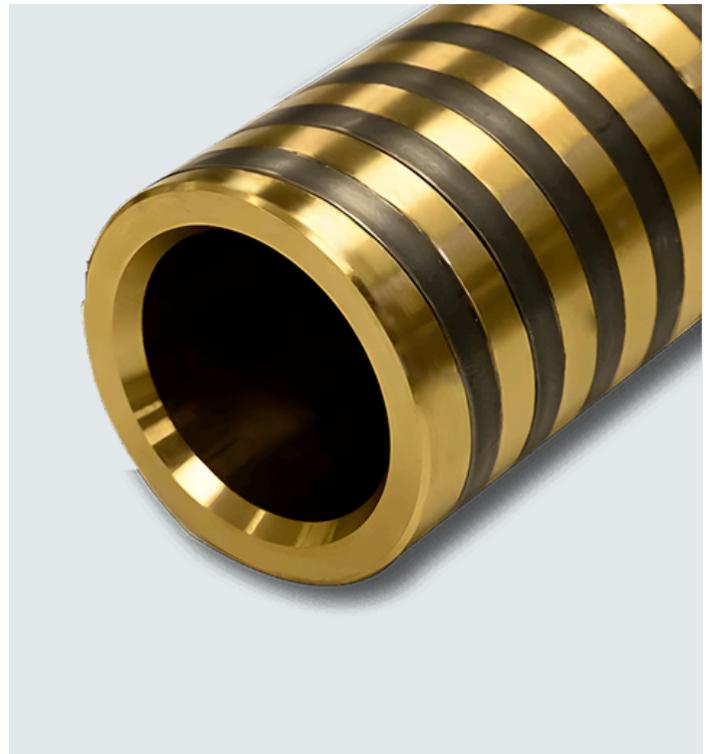
Micro Coil Heaters



Available Sections

Diameter	Cross Sections
1.5	Ø Round
1.8	Ø Round
1.2 X 2.1	Flat

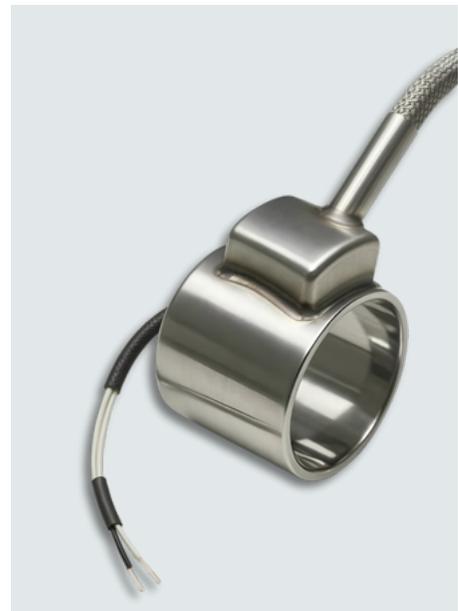
Pressed In Brass Coil Heaters



Available in all diameters with insert heater sections with or without T/C

Diameter Range	10mm - 60mm
Cross Sections	1.5, 1.8, 3*3, 2.2*4.2

Nozzle Heaters



- Consistent temperature at the nozzle tip is critical to preventing “cold slugs” and gate freeze-off.
- Our heaters utilize high-quality brass or stainless steel sheathing to act as a thermal mass, distributing heat evenly around the entire circumference.
- This elimination of hot and cold spots ensures consistent melt viscosity, reducing injection pressure requirements and preventing visual defects on your finished parts.

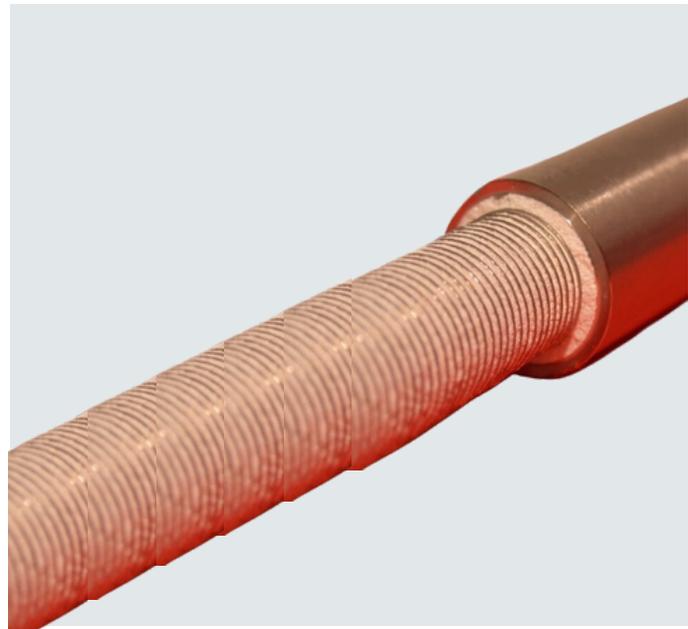
Flexible Tubular Heaters



Available Diameters

Diameter	Cross Sections
6.5mm	Ø Round
8mm	Ø Round
8.5mm	Ø Round
4 X 4	Square
5 X 5	Square
6 X 6	Square

High Density Cartridge Heaters



Available Diameters With or without inbuilt T/c

Available Diameters With or without inbuilt T/c	
Diameter	4mm - 25mm

Hot Runner Accessories



- Advanced surface coatings for wear resistance.
- High-temperature seals capable of withstanding continuous operation.
- Components manufactured from premium tool steels for superior hardness.
- Matched-set grinding for valve pins and bushings to ensure a leak-proof mechanical seal.
- High-polish surface finishes to prevent plastic adhesion and build-up.

Hot Runner Temperature Controllers



- Microprocessor-based control with auto-tuning for precise temperature stability.
- Modular card design allows for individual zone replacement without system shutdown.
- Dual LED displays for clear visibility.
- Integrated main circuit breaker and individual fast-blow fuses for tiered system protection.
- Three-phase power indicators (L1, L2, L3) for instant verification of supply voltage.

Thermocouples



Available in Length From 50mm upto 1000mm

Diameter	Types
0.5mm	J/K
1.0mm	J/K
1.5mm	J/K
2.0mm	J/K



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