

CCEWOOL® HTIW Shapes for Electric Heating Tube Industry

CCEWOOL® HTIW Shapes are high-performance vacuum-formed products made from premium alumino-silicate fiber cotton. Specially designed for the electric heating tube industry, these custom-shaped components provide exceptional thermal insulation, mechanical strength, and long-lasting durability. They are tailored with specific binders and additives to meet various performance requirements in high-temperature heating environments.



Electric Heating Tube Insulation

Temperature: 1260°C / 1500°C

Density: 350/400 kg/m³

Application Industry: Electric Heating Tube Industry

Application Area: Heating Wire and Heating Tube
Insulation

Treatment Method: Inorganic Hardening Treatment

Characteristics:

Low Shrinkage;

High Thermal Insulation;

Lightweight & Impact-Resistant;

Wear & Spall Resistance;

Non-Wettability with Molten Metals.

Application:

Heating Element Insulation: Provides heat-resistant insulation for electric heating tubes, ensuring safe and efficient operation.



Support Components: Acts as a structural support for heating elements, ensuring stability during use.

Thermal Shields: Prevents heat transfer to surrounding components, enhancing system safety and performance.

Tube Linings & Casings: Insulates tube interiors, minimizing heat loss and boosting operational efficiency.

