

CCEWOOL® HTIW Shapes for Tubular Insulation Components

CCEWOOL® HTIW Shapes are high-performance vacuum-formed insulation products made from premium alumino-silicate fiber cotton. Designed specifically for tubular insulation applications, these custom-shaped components offer exceptional thermal protection, mechanical strength, and durability. Various binders and additives are selected based on performance requirements to ensure optimal insulation and longevity in demanding industrial environments.



Tubular Sleeves

Temperature: 1260°C

Density: 320-350 kg/m³

Application Industry: Various Industrial Sectors

Application Area: Tubular Insulation Components

Treatment Method: Hardening Treatment

Characteristics:

Low Shrinkage;

High Thermal Insulation;

Lightweight & Impact-Resistant;

Wear & Spall Resistance;

Non-Wettability with Molten Metals.

Application:

Industrial Furnaces: Tubular insulation for heat exchangers, pipelines, and burners, providing high-temperature protection.



Exhaust and Ventilation Systems: Insulation for hot gas exhaust pipes, ducts, and vent systems, ensuring safe operation and heat containment.

Chemical Processing Equipment: Insulates pipes in chemical plants, protecting them from heat exposure and chemical reactions.

Power Generation: Applied in power plants for pipe insulation in boilers, steam turbines, and gas turbines.

