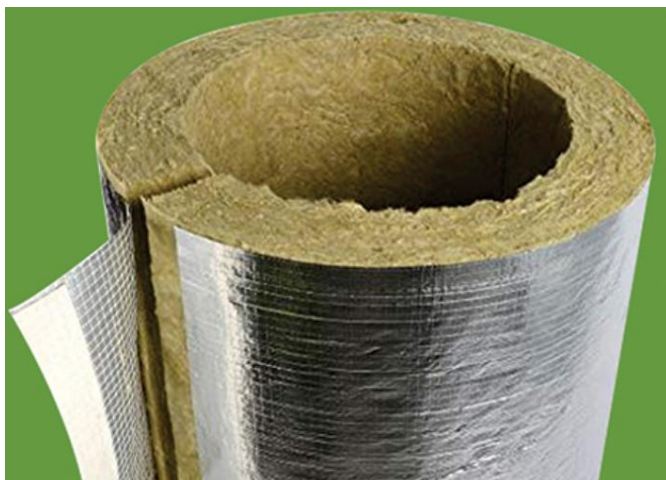


CCEWOOL® Stone Wool Pipe



Classification Temperature: 750°C (1382°F)

Chemical Composition: Basalt

CCEWOOL® Stone Wool Pipe is a preformed insulation product made from high-quality stone wool fibers and cured under controlled high-temperature conditions. A longitudinal slit allows the section to open easily during installation and fit closely around the pipe surface, creating a continuous and stable insulation layer.

For consistent installation, the outer surface can be precision-finished to maintain uniform insulation thickness. Depending on application requirements, water-repellent and low-chloride grades are available, together with aluminum foil and other facings for enhanced moisture protection, surface protection, and system integration. CCEWOOL® Stone Wool Pipe is designed for insulation of both hot and cold piping systems. It helps reduce heat loss, maintain process temperature, protect personnel from hot surfaces, and reduce condensation risk. Its stable fiber structure also provides good acoustic performance for energy, chemical, power-generation, and industrial piping systems.

Characteristics:

- Excellent high-temperature thermal insulation;
- Low thermal conductivity;
- Stable insulation performance;
- A1 non-combustible material;
- Excellent sound absorption and vibration damping;
- Good moisture resistance and dimensional stability;
- Good resistance to chemical corrosion;
- Lightweight and easy to install.

Applications:

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Tel: +86-533-7986860

Email: ceramicfibres@ccewool.com
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Thermal Piping Systems

- Insulation for steam pipes, hot-water pipes, and hot-oil transfer lines.

Cooling & HVAC Systems

- Condensation control and energy-saving insulation for chilled-water and condensate piping.

Petrochemical & Power Plants

- Thermal and fire protection for high-temperature process piping and oil or gas pipelines.

Building & Mechanical Systems

- Suitable for fire protection systems, central HVAC piping, boiler piping, and related mechanical services.

TDS

CCEWOOL® Stone Wool Pipe		
Performance	Unit	Data
Thermal conductivity	50°C	≤0.039
	100°C	≤0.044
	150°C	≤0.053
	200°C	≤0.065
	250°C	≤0.078
	300°C	≤0.094
Linear shrinkage (650°C)	%	≤2
Mass moisture absorption	%	≤0.5
Hydrophobicity	%	≥98
Chloride ion content	PPM	≤10
Combustion performance	--	Class A1 non-combustion No burning debris, no toxic smoke, and the flame lasts for 0 seconds
Environmental protection	--	No asbestos, no CFCS, HFCS, HCFCs
Corrosiveness	--	No corrosion
Density	kg/m ³	80-120
Specifications	mm	Inner diameter: Φ 22-760mm Thickness: 30-300mm Length: 1000mm
Packing method and quantity	Woven bag, 1 piece/bag	