



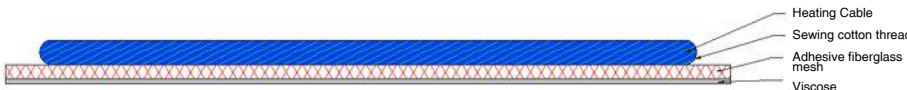
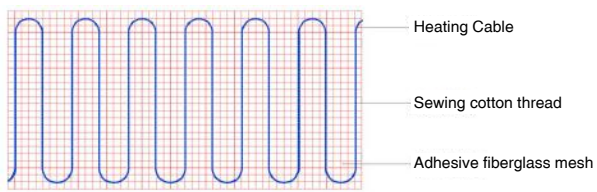
## Sewing Geothermal Mesh Products

### Product Description:

The sewing geothermal mesh product is fixed on the fiberglass mesh by sewing with the help of cotton ropes using constant power geothermal heating wires, and cooperates with the temperature controller and other accessory materials. When the current flows through the heating element, the electrical energy is converted into thermal energy, and the heat generated by the heating element is transferred to the indoor space through the ground, causing the indoor temperature to rise. The temperature controller can monitor the indoor temperature in real time and automatically adjust the working state of the heating element according to the set temperature, so that the indoor temperature is stably maintained within the set range, providing an efficient, comfortable and reliable heating solution for homes, commercial and industrial places.



### Product structure:

Product structure	Photo
Fiberglass mesh Heating cable Sewing and weaving mesh	
	



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## Product Features:

Sewing Braiding Mesh: More stable fixation, without warping at both ends; quick and convenient installation.

Sewing Braiding Mesh: More precise spacing; more uniform heating and safer.

Sewing Braiding Mesh: Less plastic content, environmentally friendly and degradable; in line with international environmental protection requirements, green and energy-saving.

High Efficiency and Energy Saving: Constant power output ensures stable utilization of energy, high heat conversion efficiency, and reduces energy waste. It can be controlled by regions and time periods according to actual needs to further reduce energy consumption.

Comfortable and Healthy: The heat is evenly emitted from the ground upwards, meeting the physiological needs of "warm feet and cool head" of the human body, providing a comfortable heating experience. It does not generate air convection, avoiding dust flying and indoor dryness, which is beneficial to respiratory health.

Safe and Reliable: Advanced insulation and grounding technologies are adopted to ensure safety during use. The system operates stably, without noise or leakage risks, and has a long service life.

Intelligent Control: Equipped with an intelligent temperature controller, the indoor temperature can be precisely set to achieve automatic control. It can be remotely controlled and monitored anytime and anywhere through mobile APP and other devices.

Easy Installation: It does not occupy indoor space and has little impact on the structure and decoration of the building. The installation process is relatively simple and the construction period is short.

## Product Technical Specification :

Product Diameter	2.5 - 4.8mm
Wire Spacing	60mm, 80mm, 100mm
Type of Fiberglass Mesh	Adhesive Mesh, Non-adhesive Mesh
Min. Installation Temp	40 ℉ (5 ℃)

## Product certification :

Region Classification:	North America, Europe, Russia
Rated Voltage:	120 Vac, 240Vac
Product Certification:	CE、TUV、UL、CSA、ETL、EAC



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## Application:

**Residential Homes:** Suitable for various types of residential buildings, including apartments, villas, etc., providing a warm and comfortable living environment for families.

**Commercial Places:** Such as office buildings, shopping malls, hotels, restaurants, etc., meeting the heating needs of different commercial places.



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