

Designed for the industry elite, to create efficient solutions

Founded in 2007 with the stock code (688398), the company is mainly engaged in various types of Vacuum Insulation Panel (VIP) series, Vacuum Insulating Glass (VIG), serving the world's leading home appliance enterprises, and expanding multiple applications such as cold chain insulation, building insulation, and industrial insulation. Through technological innovation, the company has mastered the technology and integrated production capacity of core materials, barrier films, getters, vacuum packaging manufacturing and performance testing, and is the promoter of the industrialization of vacuum insulation materials and an important formulator of industry standards.

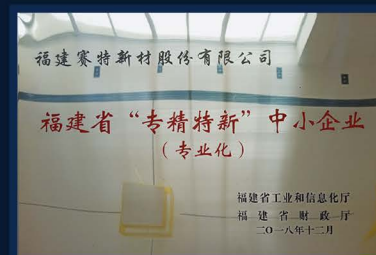
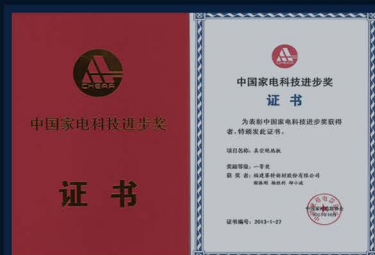


✓ Comply with ROHS and REACH

SUPERTECH M-VIP

800°C high temperature resistance, a new level of energy saving in cooking

Supertech-M-VIP (Vacuum Insulation Panel), designed for steam ovens, it overcomes the challenge of high temperatures of 800°C and provides efficient, safe and reliable thermal insulation solutions



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Choose Supertech-M-VIP and start your energy efficient baking journey

Supertech

M-VIP

Designed for the catering industry and industrial baking, it is ideal for steam ovens, high-temperature ovens, oven doors, oven internal partitions and other equipment, and is more widely used in battery boxes, laboratory equipment and other fields.

The stainless steel film is used to wrap the inorganic high-temperature resistant core material, and after vacuuming, it is encapsulated by welding to form an ultra-thin thermal insulation layer with insulation performance, which is not affected by the environment, effectively blocks heat conduction.



800°C high temperature resistance

The inorganic high-temperature resistant core material is wrapped with stainless steel film, with the thermal conductivity as low as 0.0020W/m·K, which is suitable for an ultra-wide temperature zone of -196°C~800°C.



Efficient thermal insulation

Energy saving and consumption reduction, A-class insulation, rapid heating up, high energy saving rate, and reduce electricity expenses.



Space Master

Slim design, thin and light multi-layer compact design, maximizing internal space, easily accommodating more food; Optimizing oven performance and structure to improve cooking efficiency.



Safe and environmentally friendly

Green life, efficient thermal insulation to ensure safety, reduce energy consumption in line with environmental protection standards, and add points to your green life.

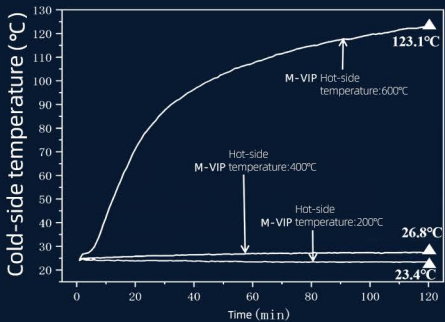


Ultra-long life

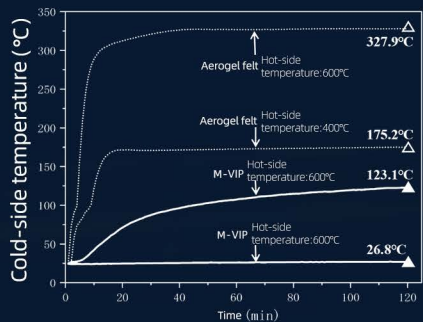
Durable, with a life span of up to 50 years, it can withstand the harsh environment of the steam oven and maintain excellent performance over the long term, reducing maintenance costs.



Excellent steady-state and unsteady-state high-temperature thermal insulation

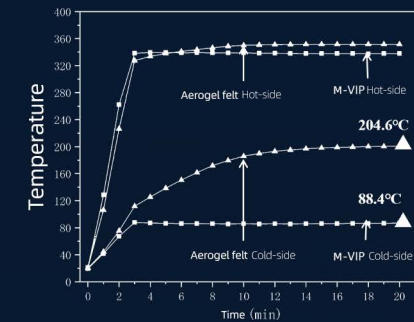


Steady-state performance test



Steady-state high-temperature interval performance test

*Data from Supertech Insulation Laboratory



Unsteady high temperature thermal insulation performance test

A new force of energy saving, a new era of heat insulation

The thermal conductivity is as low as $\leq 0.0020\text{W/m}\cdot\text{K}$, which is 30% more energy-saving than traditional materials, easy to save electricity, and green and environmentally friendly!

Slim Choice, Space Magician

3-20mm slim design, efficient use of every inch of space, make your kitchen more spacious, oven more beautiful!

Safe escort, safe cooking

Class A non-combustible fireproof material; High temperature resistance; Protecting the shell, safe to touch and not hot hands, so that you can cook more assured!

Long-term stability, long-term protection

The vacuum leakage rate is extremely low, $< 10^{-10}\text{Pa}\cdot\text{m}^3/\text{s}$, and the expected service life reaches 50 years, which can calmly cope with the high temperature challenges of the steam oven and show the product performance stably!

Performance parameters

Thermal conductivity (25°C) $\leq 0.0020\text{W/m}\cdot\text{K}$	Recommended operating temperature -196°C-800°C
Density { Volume density: 250-420kg/m ³ Areal density(10mm): 2-5kg/m ²	Compressive strength (< 10%) : $\leq 0.5\text{MPa}$
Standard size { Maximum: 500×1000mm Minimum: 100×100mm Thickness: 3-20mm	Leakage rate: $< 10^{-10}\text{Pa}\cdot\text{m}^3/\text{s}$
Other sizes and shapes can be customized as required	Class A flame retardant