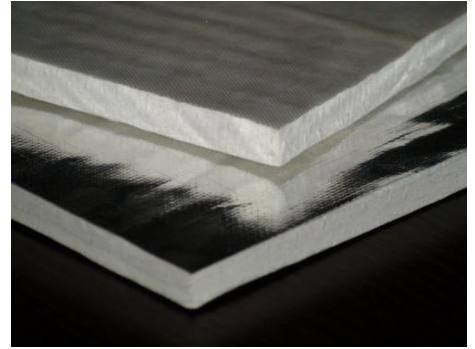




## HT200 AEROGEL BLANKET

### Flexible Aerogel Blanket suitable for low temperature insulation

HT200 series aerogel blanket is a kind of flexible, low-temperature and high-efficiency cold-proof felt. This material combines nano-aerogel with special fiber to produce flexible, ultra-low thermal conductivity, high-efficiency thermal insulation felt, suitable for liquid nitrogen, LNG and other low-temperature industrial pipes, tanks and equipment are cold-proof and heat-insulating. They are the best products in cold insulation materials, and are ideal for customers to pursue better low-temperature cooling effect and lower energy consumption.



### Application advantages:

Excellent cold insulation performance: Ultra-low thermal conductivity, greatly reduced thickness required, especially suitable for applications with limited space.

Excellent ultra-low temperature stability: It maintains good flexibility at ultra-low temperature without cracking and resists internal stress caused by pipe expansion and contraction.

Excellent water repellency and excellent fire resistance: the overall water repellency of the material can effectively prevent the corrosion of liquid water from contacting the surface of pipes and equipment, and prevent it.

The material has a reduced thermal insulation effect due to water seepage.

Convenient construction: light weight, easy to cut and sew to adapt to various shapes of pipes and equipment insulation, and less time and labor required for installation.

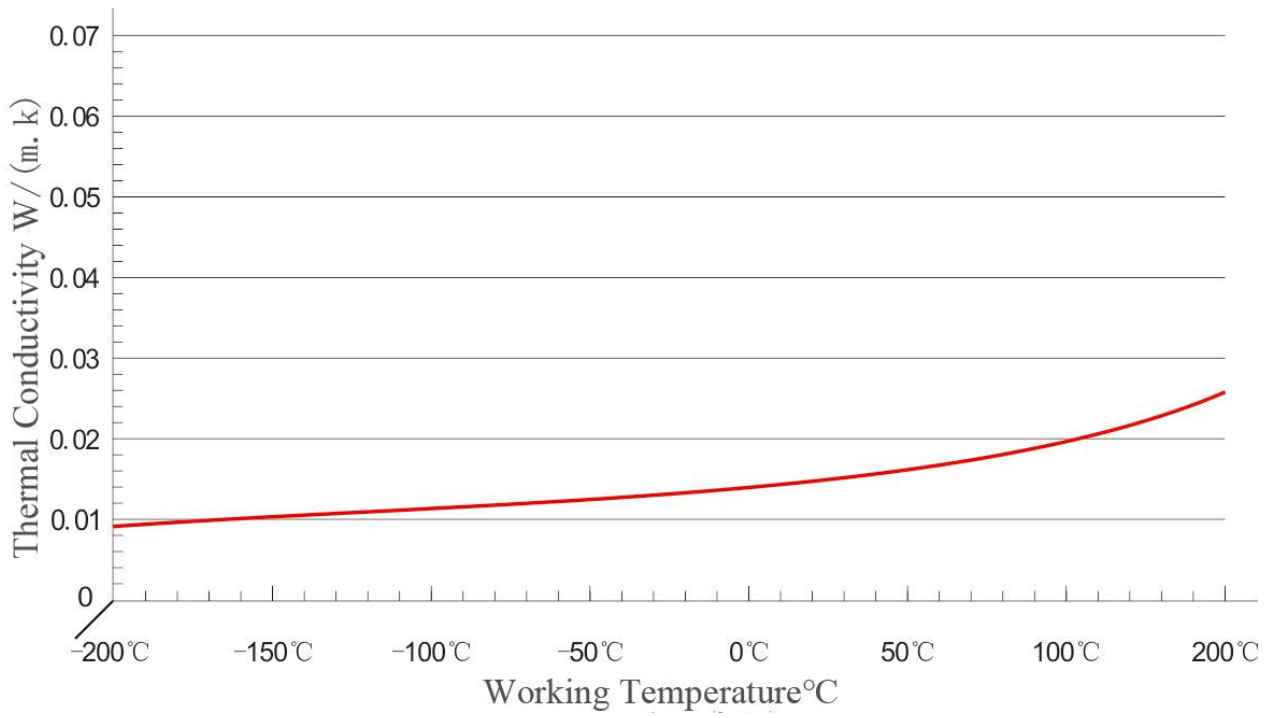
Good structural strength: long service life and reusable after being detachable.

### Performance:

Model	HT200	
Thickness	5mm,10mm as your request	
Width	1500mm	
Hydrophobic	Yes	
Use of temperature	-200~200℃	
Density	180kg/m <sup>3</sup> ± 20%	
25℃ Thermal Conductivity W/ (m • K)	≤0.019	≤0.021

### Applicable areas:

Low temperature freezing pipelines, equipment, vessels, storage tanks, etc.; LNG receiving station related equipment; LNG transport vessels; liquid nitrogen storage and transportation; building insulation.



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