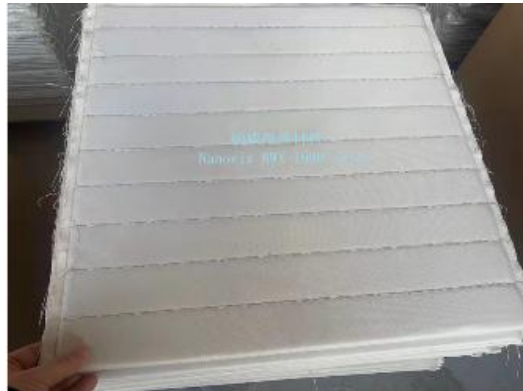


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Three Dimensional Flexible Insulation Blanket



Introduction: the flexible thermal insulation blanket has a three-dimensional structure. Its surface is covered with a layer of high-temperature resistant glass fiber cloth and made into a grid shape with high-temperature seam. It has certain flexibility and can be installed on the pipe or curved surface. At the same time, it has a lower thermal conductivity than static air. Its thermal insulation performance is 3-4 times that of traditional materials. It is an ideal high-temperature thermal insulation material.

1, Technical index of Three Dimensional Flexible Insulation Blanket

Type	Density	Maximum use temperature	Thermal conductivity	Linear shrinkage
	Kg/m ³	°C	W/m.k	%
NWX-1000	160-260	1100	200°C 0.022 600°C 0.028 400°C 0.024 800°C 0.034	<1% core 1000°C*24h one side heated <5% core 1000°C*24h full heated

2, Product description

It is high performance thermal insulation material, it is of microporous structure with extremely low thermal conductivity at both low and high temperature.

It is inorganic material consisting mainly of fumed silica, the other components are opacifiers for minimizing infrared radiation, and silica filaments for improving strength.

It is covered by glass cloth and stitched by glass fiber thread to improve its strength and flexibility.

The performance is 3-4 times that of traditional materials, which can greatly reduce the energy consumption of equipment and reduce the required thickness of thermal insulation layer. The product is non-toxic and environmentally friendly, does not

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contain inhalable harmful fibers, smokeless and odorless when heated, and does not itch when contacting the skin.

3,Common specifications

Length,width 500*610mm,1000*610mm,thickness5-12mm,it can be customized

4,Tolerance

±5mm for dimensions

±1mm for dimensions

5. Product characteristics

1) High temperature resistance up to 1100 °C

2) Low specific heat, low heat storage and good heat shock resistance

3) Three dimensional structure, the heat insulation capacity is 3-4 times that of traditional materials

4) It can effectively block infrared radiation

5) It is non-toxic and environment-friendly, does not itch in contact with the skin, smokeless and odorless when heated. It is a non combustible material

6) Easy to process, cutting, drilling, etc

7) No pulverization, long service life

6. Purpose

High temperature pipeline, steam pipeline, chemical pipeline, cracking furnace, industrial furnace, electronic equipment

7,Good feedback of product use effect,the products have been exported to South Korea, Japan,Pakistan

8,We are a professional supplier, who can provide customers with free product technology, use and other issues

Do you want to find a professional supplier of Three Dimensional Flexible Insulation Blanket?

Do you want to find a stable and credible supplier?

Then please contact with us

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