

Basalt Heat resistant Cloth

One-sided Resin coating • Basalt Heat resistant Cloth



Heat resistant test basalt sheet

Product feature

- Operating Temperature: $-260^{\circ}\text{C} \sim 350^{\circ}\text{C}$
- Continuously-used highest temp.: 550°C
- Flame blocking temperature: 1200°C
- Meltdown temperature: 1350°C

- Fire safety sheet /partition of buildings
- Insulator material for exhaust muffler of cars, motor bikes and furnaces
- Heat insulating material for liquid nitrogen tanks and pipes
- Compound material reinforcement.
- Fire-retardant covering material for electrical power cable

Feature of Basalt cloth

Heat resistance property :

Flame blocking temperature is approximately 1200°C , it can be used as fire safety sheet of buildings.

Heat insulating of high temperature :

Within the limits of $300^{\circ}\text{C} \sim 500^{\circ}\text{C}$, it shows well heat-thermal resistance. It can be used as insulator material for exhaust muffler of cars and motor bikes.

Cold resistance property :

This product stands and proofs against very low temperature, up to -260°C , it can be used as heat insulating material for liquid nitrogen tanks and pipes.

Compound material reinforcement:

Because it has mechanical characteristics of well-strength and well-stiffness, also self-recovery, it is suitable for compound material reinforcement.

Weather resistance property :

Since this product has well-resistance to Ultraviolet rays, acids and alkalis, and also low moisture-absorption property, it can be used outside.

Radial ray resistance property :

It is different from material of glass, it has quality to last long against radiation degradation, so that it is used for as heat-resistant material of gas turbine at new clear power plant.

High electric resistivity :

Well fire-resistance performance, so that it is used for as fire-retardant covering material of electric power cable.



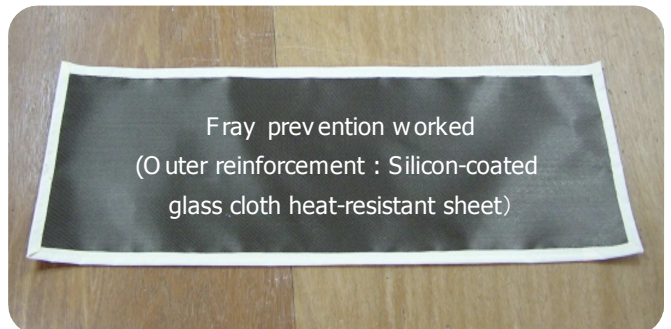
Original roll of Basalt Cloth

Item number : Fabric type K-35

Width 1500mm x Length 50M/per roll

Thickness 0.34mm Weight 380g/m²

※ One side particular kind of resin coating of Polyurethane base material



Fray prevention worked
(Outer reinforcement : Silicon-coated
glass cloth heat-resistant sheet)

Environment and safety

Highly-selected fibers of not less than 9 micron in diameter, meets the safety standards, therefore it is safe in health. It is subject to replacement from asbestos products. This sheet does not produce noxious fumes.

Inquiry :

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