

Ceramic Fiber

Thermal Insulation System



<< Macromodulo

Insulation system for Industrial furnaces & kilns for temperatures up to 1482°C (2700°F), they are monolithic ceramic fiber modules of bent blanket in accordion form and anchored to the metal mesh, which is assembled to the structure of the furnace or kiln. Grupo NUTEC has its headquarters based in Monterrey, Mexico. And since 1975 it offers solutions to our client's in all of their industrial heating necessities.

Advantages

- > Excellent thermal efficiency because there is not anchoring that transmits heat from the hot face to the cold face of the furnace.
- > The anchoring system is in the cold side, doesn't see the heat of the furnace.
- > There are not joints, and because of this the possibility for heat to travel to the cold face is eliminated.
- > The ceramic fiber fixing system has more ties per square foot than any other system on the market.
- > Uniform Density of insulation through out the whole element.
- > Single piece prefabricated element with the maximum dimensions that transportation limits allow.

Ladle Covers

>>

NUTEC Fibratec* ceramic fiber ladle Covers are engineered and designed to support the tough conditions of a steel ladle. This product performs better than a hard refractory cover due to the characteristics of ceramic fiber.

Advantages

- Greater useful life and pouring tonnage.
- Easy and fast repair of ladle.
- Lower maintenance and repair costs.
- Light weight.

Features

- Low thermal conductivity.
- Low heat storage.
- High resistance to thermal shock.
- Resistance to temperatures of up to 1480° (2700°F).
- Sizes almost unlimited.
- No curing or dry-out time required.

