
TECHNICAL DATA SHEET

CÓPIA NÃO
CONTROLADA

Code: 6005
Revision: 03
Date: 07/06

PRODUCT: CERAMIC FIBER BLANKET HTZ

Description: Nutec Ibar ceramic fiber blanket is composed of, flexible, interwoven fibers. It is manufactured by special process that yields a strong, lightweight and durable blanket with a low thermal conductivity.

Mean Application:*Refining and Petrochemical*

- Reformer and pyrolysis lining.
- Tube seal, gaskets and expansion joints.
- Crude oil heater linings.

Steel Industry

- Heat treating and annealing furnaces.
- Furnace door linings and seals.
- Soaking pit covers and seals.
- Furnace hot face repairs.
- Reheating furnace and ladle covers.

Ceramic Industry

- Kiln car insulation and seals.
- Continuous and batch kilns.

Power Generation

- Boiler insulation.
- Boiler doors.
- Reusable turbine covers.
- Expansion seals pipe covering.
- High temperature pipe, duct and turbine insulation.

Others

- Insulation of commercial dryers and ovens.
- Veneer over existing refractory.
- Stress relieving insulation.
- Glass furnace crown insulation.
- Fire protection.

Packaging: Paper box

Identification: Label with product name, dimension, quantity, lot number, fabrication date.

Storage Life: Without limit (if properly stored)

Chemical Analysis

Al_2O_3	SiO_2	Fe_2O_3	ZrO_2	TiO_2
33-37	47-51	0,1-0,2	13-19	0,1-0,2

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Typical Physical Properties

-Maximum use limit	(°C)	1425
-Continuous use limit	(°C)	1325
-Melting point	(°C)	1760
-Fiber diameter	(μ)	2,5
-Fiber length	(mm)	178
-Linear Shrinkage 1300 °C x 24 h	(%)	2,0
-Dimension (Standard)*		
Length	3810; 7620 e 15240 (mm)	
Width	610 e 1220 (mm)	
Thickness	6,35; 12,7; 25,4; 38,1 e 50,8 (mm)	

Note: * Special dimension under consult.

Thermal Conductivity

