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## TECHNICAL DATA SHEET

**CÓPIA NÃO  
CONTROLADA**

**Code: 6001  
Revision: 03  
Date: 07/06**

### PRODUCT: CERAMIC FIBER BLANKET HP

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**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)

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### Chemical Analysis

$Al_2O_3$	$SiO_2$	$Fe_2O_3$	$TiO_2$
44-50	50-56	0,1-0,2	0,1-0,2

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**Typical Physical Properties**

-Maximum use limit .....	(°C)	1315
-Continuous use limit .....	(°C)	1200
-Melting point .....	(°C)	1760
-Fiber diameter .....	( $\mu$ )	2,5
-Fiber length .....	(mm)	178
-Linear Shrinkage 1100 °C x 24 h .....	(%)	1,8
<b>-Dimension (Standard)*</b>		
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.

