



MaxWool® 2600 FR

Refractory Ceramic Fiber Blanket

MaxWool 2600 FR blanket, besides having all the properties of the regular **MaxWool 2600**, features a specialized formulation designed to provide high resistance to fluxing agents and chemical attack. This makes it superior to other ceramic fiber blankets for specialty applications.

MaxWool 2600 FR has chemical stability, is corrosion-resistant, and is insoluble in most acids

MaxWool 2600 FR contains Zirconia, allowing usage up to **2600°F** (1425°C), and is available in a range of thicknesses and densities.

Key Features

- Flux Resistance
- Chemical Stability
- Resistant to Chemical Attack
- Low Thermal Conductivity
- Low Heat Storage
- High Tensile Strength
- Thermal Shock Resistance
- Contains no Binder
- Contains no Asbestos

Visit [nutec.com](https://www.nutec.com) for more information



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Technical Data Sheet Rev.4 (8/06/2025)

Physical Properties

Color	White
Maximum Use Temperature	2600°F (1425°C)
Continuous Use Temperature	2450°F (1345°C)
Specific Heat, BTU/lb°F (kJ/kg*K)	0.27 (1.13)
Average Fiber Diameter	2-5 Microns

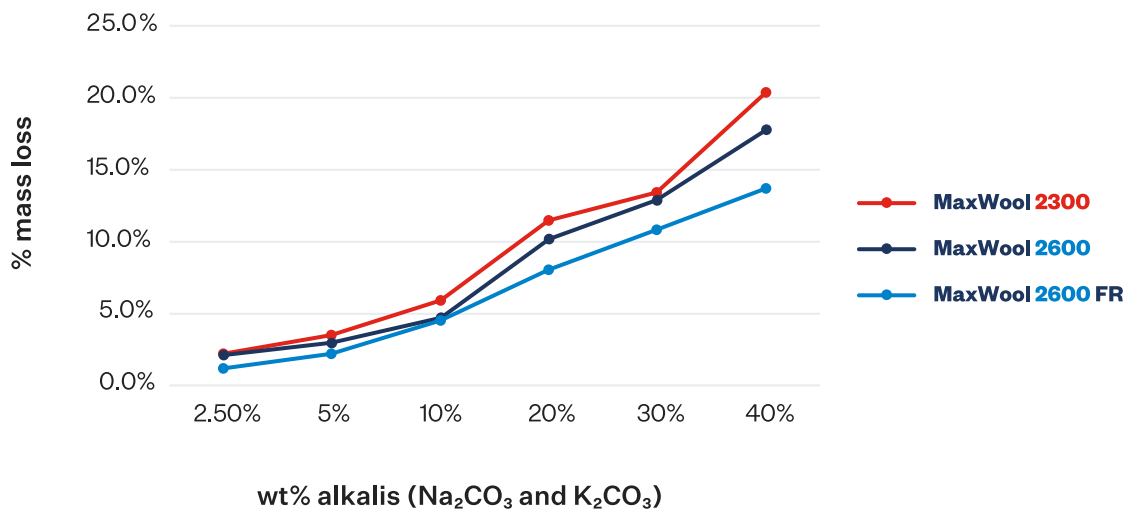
Chemical Composition (%)

Al ₂ O ₃	40-45
SiO ₂	38-43
ZrO ₂	14-19

Linear Shrinkage % @ after 24 hrs

2372°F (1300°C)	< 2.0
2600°F (1425°C)	< 3.5

Mass Loss - Comparison Chart (2012°F for 5 hrs)



Data are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes.

Please refer to the product Safety Data Sheet (SDS) for recommended work practices and other product safety information.



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MaxWool 2600 FR	6#	8#
NOMINAL DENSITY lb/ft ³ (kg/m ³)	6 (96)	8 (128)

Thermal Conductivity, BTU•in/hr•ft ² •°F (W/mK)		
MEAN TEMPERATURE	DENSITY 6#	DENSITY 8#
392°F (200°C)	0.42 (0.06)	0.38 (0.06)
752°F (400°C)	0.76 (0.11)	0.69 (0.1)
1112°F (600°C)	1.32 (0.19)	1.11 (0.16)
1472°F (800°C)	2.08 (0.30)	1.74 (0.25)
1832°F (1000°C)	3.05 (0.44)	2.43 (0.35)

Standard Roll Sizes *For availability on custom specifications, please contact your NUTEC Sales Engineer			
THICKNESS	DENSITY (lb/ft ³)		LENGTH
1"	6	8	300"
1½"	6	8	300"

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