



MaxWool® 2600

Refractory Ceramic Fiber Blanket

MaxWool 2600* is a high temperature insulation blanket made from long strand spun, high purity ceramic fibers forming a strong, flexible needled product that provides superior insulation properties for use at higher temperatures.

MaxWool ceramic blankets are completely inorganic, binder-free products that produce no smoke or flame.

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

Key Features

- Low Thermal Conductivity
- Low Heat Storage
- High Tensile Strength
- Thermal Shock Resistance
- Sound Absorption
- Easy to Install
- Contains no Binder
- Contains no Asbestos
- No Curing or Dry Out Time Required

Previously known as **MaxWool HTZ*

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



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Technical Data Sheet Rev. 9 (3/19/2024)

Physical Properties

Color	White
Maximum Use Temperature	2600°F (1425°C)
Continuous Use Temperature	2450°F (1345°C)
Shrinkage @ 2372°F (1300°C)	0-2%
Specific Heat (BTU/lb°F)	0.27
Average Fiber Diameter	3-4 Microns

Chemical Composition (%)

Al ₂ O ₃	33-37
SiO ₂	47-51
ZrO ₂	13-19
Trace Elements	Less than 1%
LOI	0

MaxWool 2600	4#	6#	8#	10#
NOMINAL DENSITY lb/ft ³ (kg/m ³)	4 (64)	6 (96)	8 (128)	10 (160)

Thermal Conductivity, BTU•in/hr•ft²•°F (W/mK)

MEAN TEMPERATURE	DENSITY 4#	DENSITY 6#	DENSITY 8#	DENSITY 10#
392°F (200°C)	0.42 (0.06)	0.42 (0.06)	0.38 (0.06)	0.37 (0.05)
752°F (400°C)	0.83 (0.12)	0.76 (0.11)	0.69 (0.1)	0.65 (0.09)
1112°F (600°C)	1.53 (0.22)	1.32 (0.19)	1.11 (0.16)	0.97 (0.14)
1472°F (800°C)	2.5 (0.36)	2.08 (0.30)	1.74 (0.25)	1.53 (0.22)
1832°F (1000°C)	3.75 (0.54)	3.05 (0.44)	2.43 (0.35)	2.08 (0.30)

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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Standard Roll Sizes *For availability on custom specifications, please contact your NUTEC Sales Engineer

THICKNESS	DENSITY (lb/ft³)				WIDTH	LENGTH
¼"			8		24"	600"
½"	4	6	8		24" 48"	300"
½"	4	6	8	10	24"	600"
½"	4	6	8		48"	600"
1"	4	6	8	10	24"	300"
1"	4	6	8		48"	300"
1"	4	6	8		24"	600"
1"		6	8		48"	600"
1½"		6	8		24" 48"	150"
1½"		6	8		24" 48"	300"
2"	4	6	8		24" 48"	150"
2"	4	6	8		24"	300"
2"		6	8		48"	300"

Strip Sizes by Order *Minimum order applies. Please consult with your NUTEC Sales Engineer

THICKNESS	DENSITY (lb/ft³)				WIDTH	LENGTH		
¼"		6	8		1" - 48"			600"
½"	4	6	8	10	1" - 48"	300"		600"
¾"	4	6	8	10	1" - 48"	150"	300"	600"
1"	4	6	8	10	1" - 48"	150"	300"	600"
1½"	4	6	8		1" - 48"	150"	300"	
2"	4	6	8		1" - 48"	150"	300"	

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