MaxBlok

MaxBlok™ Modules full thickness furnace linings and provide a high quality insulation system. Each Module is continuously folded and compressed to specific density to provide longer furnace life.

MaxBlok™ Modules linings provide low heat loss and storage which increases furnace productivity and efficiency.

TYPICAL APPLICATIONS

Ceramic Industry

- Low Mass Kiln Cars
- Continuous and Batch Kilns
- Door Linings
- Glazing and Porcelain Furnace Linings

Power Generation

- Duct Linings
- Heat Recovery Systems
- Boiler Insulation
- Stack Linings

Refining and Petrochemical

- Ethylene Furnaces
- Pyrolysis Furnaces
- Reformer Furnaces
- Boiler Linings

Steel Industry

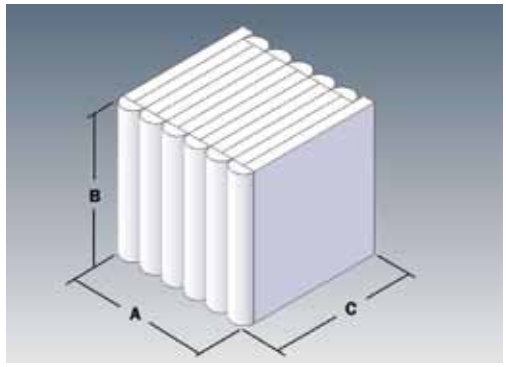
- Pre-Heat Ladle Covers
- Heat Treat Furnaces
- Soaking Pit Covers and Seals
- Reheat Furnaces

Other Applications:

- Insulation of Commercial Dryers and Ovens
- Veneer over Existing Refractory
- Stress Relieving Insulation
- Glass Furnace Crown Insulation

STANDARD DIMENSIONS:

Dimensions: A: 305 & 610 (12″ & 24″)
B: 305 & 610 (12″ & 24″)
C: 100 - 305 (4″ - 12″)
Special sizes upon request

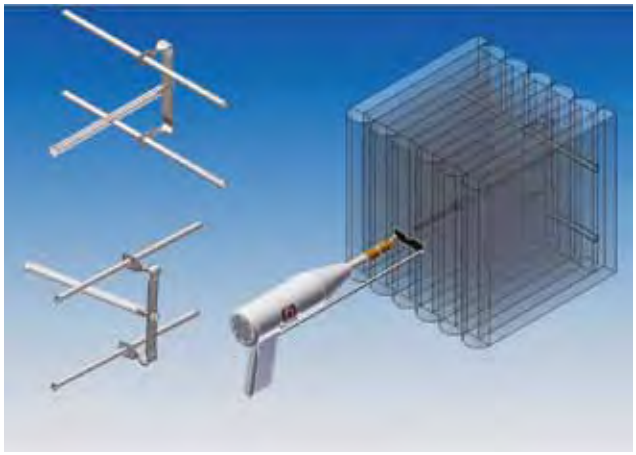


Technical Specifications	LTS	HPS	HTZ
Maximum Use Limit, °F (°C)	1832 (1000)	2400 (1315)	2600(1425)
Continuous Use Limit, °F (°C)	1652(900)	2200(1204)	2417 (1325)
Density ft³/lbs. (m³/kg)	Folded Modules 8,9.3,10, 12 & 14 (128,149,160,192 & 224)		
	EDG Modules 8 & 10 (128 & 160)		
Thermal Shrinkage (%)			
24 Hrs @ 2012°F (1100 °C)		1.8	
24 Hrs @ 2372°F (1300 °C)			2.0
Chemistry			
Al_2O_3	42 - 46	44 - 50	28 - 32
SiO_2	50 - 60	50 - 56	52 - 56
ZrO_2			14 - 18
Trace Elements < 1 %			

MODULE HARDWARE AVAILABLE

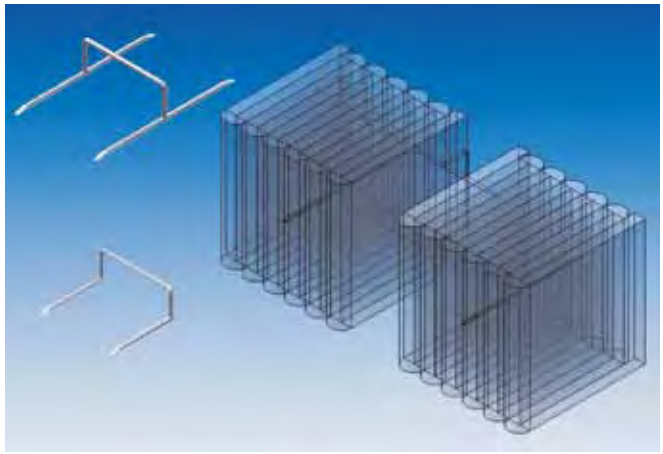
- Weld - Tite: Speed Weld Stud System
- Stud - Tite: Pre - Welded Stud
- H - Anchor

module hardware



WELD-TITE MODULE Attachment is a speed weld system that requires no stud pattern or furnace layout. The advantage to this attachment system is the speed of installation. Just fire the speed weld gun which attaches the stud to the furnace casing and then tightens the module onto the stud. Nutec™ modules can be installed in a Uni-directional (with batten strips) or in a Parquet pattern.

STUD-TITE MODULE Attachment requires a stud pattern or furnace layout before installing the modules. After the furnace layout is completed, each stud is welded to the furnace casing. The modules are then positioned over the stud and secured with a threaded nut. There are no blind welds when using the Screw-Tite system. This attachment provides longer furnace life. Nutec™ modules can be installed in a Uni-directional (with batten strips) or in a Parquet pattern.



H ANCHOR MODULE Attachment can be used for standard size modules or with Macro Modules (larger size modules). This hardware system provides a strong and durable lining for longer furnace life. This attachment is quick and easy to install. The H Anchor is welded to the furnace shell and a module is slid over both sides of the anchor. Using this system, Nutec™ modules can only be installed in a Uni-directional pattern with batten strips.