MaxWool™ Blanket is composed of long, flexible, interwoven fibers manufactured by the “spun” process yielding a strong, lightweight, durable product. This material can be used for applications with temperatures from 1000 °F (538°C) to 2600°F (1425°C). MaxWool™ Blanket have high tensile strength for longer life and durability.

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

TYPICAL APPLICATIONS
Refining and Petrochemical
- Reformer and Pyrolysis Furnaces
- Tube Seals, Gaskets and Expansion Joints
- High Temperature Pipe, Duct and Turbine Insulation
- 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
- Reheat Furnaces
- Ladle Covers

Ceramic Industry
- Kiln Car Insulation and Seals
- Continuous and Batch Kilns

Power Generation
- Boiler Insulation
- Boiler Doors
- Reusable Turbine Covers
- Pipe Covering

Other Applications
- Insulation of Commercial Dryers and Covers
- Veneer Over Existing Refractory
- Stress Relieving Furnaces
- Glass Furnace Crown Insulation
- Fire Protection

Typical Physical Properties

<table>
<thead>
<tr>
<th></th>
<th>LTS</th>
<th>HPS</th>
<th>HTZ</th>
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<tbody>
<tr>
<td>Density lb/ft³ (kg/m³)</td>
<td>4, 6, 8, 10 (64, 96, 128, 160)</td>
<td>4, 6, 8, 10 (64, 96, 128, 160)</td>
<td>4, 6, 8, 10 (64, 96, 128, 160)</td>
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<tr>
<td>Maximum Use Limit, °F (°C)</td>
<td>1832 (1000)</td>
<td>2400 (1315)</td>
<td>2600 (1425)</td>
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<tr>
<td>Continuous Use Limit, °F (°C)</td>
<td>1652 (900)</td>
<td>2200 (1204)</td>
<td>2417 (1325)</td>
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<tr>
<td>Melting Point, °F (°C)</td>
<td>3200 (1760)</td>
<td>3200 (1760)</td>
<td>3200 (1760)</td>
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<tr>
<td>Average Fiber Diameter, microns</td>
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<td>3.0</td>
<td>3.0</td>
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<tr>
<td>Linear Shrinkage</td>
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<tr>
<td>Chemical Analysis (%)</td>
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<td>42.46</td>
<td>44.50</td>
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<tr>
<td>Al₂O₃</td>
<td>50.60</td>
<td>50.56</td>
<td>52.66</td>
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<tr>
<td>SiO₂</td>
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<tr>
<td>ZrO₂</td>
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<tr>
<td>Trace Elements &lt; 1%</td>
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