Nutek Fibratec™ blanket is composed of long, flexible, interwoven fibers manufactured by the “blown” and “spun” process yielding a strong, lightweight, durable product. This material can be used for applications with temperatures from 338°C (600°F) to 1480°C (2700°F). Nutek Fibratec™ blankets 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
- Refinerer and Pyrolysis Furnaces
- Tube Seals, Gaskets and Expansion Joints
- High Temperature Pipe, Duct and Turbine Insulation
- Crete Oil Heater Linings

Steel Industry
- Heat Treating and Annealing Furnaces
- Furnace Door Linings and Seals
- Soaking Pit Covers and Seals
- Furnace Hot Face Repairs
- Refract 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>
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<tr>
<th>Property</th>
<th>LTS</th>
<th>RTS</th>
<th>HPS</th>
<th>HTZ</th>
<th>HTA</th>
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<tbody>
<tr>
<td>Density kg/m³</td>
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<td>Density g/cm³</td>
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<tr>
<td>Maximum Use Limit °C</td>
<td>1000 (1832)</td>
<td>1315 (2400)</td>
<td>1435 (2600)</td>
<td>1480 (2700)</td>
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<tr>
<td>Continuous Use Limit °C</td>
<td>900 (1652)</td>
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<tr>
<td>Melting Point °C</td>
<td>1730 (3190)</td>
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<td>Average fiber diameter, microns</td>
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<tr>
<td>Linear Shrinkage (%)</td>
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<td>Chemical Analysis (%)</td>
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<td>Al₂O₃</td>
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<td>SiO₂</td>
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<td>Trace Elements &lt; 1 %</td>
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Through training, combined with a safe workplace, we create a productive atmosphere. Employees are encouraged and empowered to give their very best for the benefit of our customers.