

# Anchoring

**Anchoring:** The Nutec Fibratex\* family of anchoring hardware systems provides an array of anchoring options, covering a broad range of lining system designs requirements. This are intended to be used with Nutec Fibratex\* ceramic fiber lining systems.

The Nutec Fibratex\* family of hardware components have been developed to provide optimal service life for an assortment of Fiberwall lining systems including layered blanket and board linings, stackbond linings and module systems.

The hardware is available in a variety of metal alloy grades as well as various ceramic compositions.

Alloy	Maximum use temperature	
	Celsius	Fahrenheit
304 SS	760	1400
310 SS	927	1700
330 SS	1038	1900
601 Inconel	1093	2000



## Ceramic Fiber Textiles

**Textiles:** Nutec Fibratex\* textiles are noted for superior insulating ability to 1,260°C (2,300 °F ). These products have excellent resistance to thermal shock, corrosive attack and breakdown due to mechanical vibration and stress.

Nutec Fibratex\* textile product forms are unique high temperature fabrics usable in a wide variety of industrial applications. These are made from staple Nutec fibratex bulk fiber and 15-20% organic fiber as a carrier fiber. A blend of long staple fibers and organic carrier fibers, Nutec Fibratex\* textiles are excellent choice where a flexible, strong temperature resistant product is required.

### Technical Specifications

#### Cloth

	Cloth	Tape
Density, kg/m3(lbs/ft3)	500 (31)	
Dimensions, mm (ft)	30000 x 2200 (98 x 86)	
Thickness, mm (in)	2, 3 (1/8)	
Organic Content (%)	1.5	
Weight (kg)	=2 mm: 66 = 3 mm: 99	
Packaging	Plastic bag inside, woven bag outside	
Quantity (pcs)	1pc/bag	10pcs/bag

#### Rope

	Round Braided Rope	Twisted Rope (yarn)	Square Braided Rope	Twisted Rope (wicker)
Density, kg/m3(lbs/ft3)	400-600 (25-37.5)			
Specification, mm (in)	20 (3/4)			
Organic Content (%)	1.5			

### Features

- Excellent high temperature stability.
- Excellent tensile strength.
- Excellent thermal and electrical insulation.
- Excellent chemical stability resistance.
- Low thermal conductivity

### Typical Applications

- Insulation of high-temperature tubes, containers, etc.
- Seal of doors of industrial furnaces.
- The protection of high-temperature for cable, fuel tubes, etc.
- Fireproof twine, warp, cover, etc.
- Compound-materials produce.