



## Ceramic Cloth



### Properties

NUTEC Fibratec\* textiles are noted for superior insulating ability to 1,260°C. These products have excellent resistance to thermal shock, corrosive attack and breakdown due to mechanical vibration and stress.

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

#### 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.
- The protection of cable, fuel tubes, etc.
- Fireproof twine, warp, cover, etc.
- Compound-materials produce.

Technical Specifications	Cloth	Tape
Density kg/m <sup>3</sup> (lbs/ft <sup>3</sup> )	500	
Specification mm (ft)	30000x2200 (98x86)	
Thickness, mm (in)	2,3(1/8)	
Organic Content (%)	15	
Weight (kg)	2mm:66 3 mm: 99	
Packaging	Plastic bag inside, woven bag outside	
Quantity (pcs)	1 pc/bag	10pcs/bag

The NUTEC Fibratec\* family of anchoring hardware systems and components provides an array of anchoring options covering a broad range of lining system designs and applications requirements. This is intended to be used with NUTEC Fibratec\* ceramic fiber lining systems.

The NUTEC Fibratec\* family of hardware components has 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.

Diameter (mm)	Length (Meter)	Round Braid Rope	Square Braid	Twisted Rope
6	200	✓	-	✓
10	200	✓	-	✓
13	100	✓	-	✓
15	30 (2 per box)	✓	-	✓
20	50	✓	✓	✓
25	50	✓	✓	✓
30	25	✓	✓	-
40	25	✓	✓	-
50	15	✓	-	-

Density: 400 - 600 kg/m<sup>3</sup> (25 -37.5 lb/ft<sup>3</sup>)

Organic content: 1.5%

Reinforced with either stainless steel wire or glass fiber.

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