



Ceramic Fiber Paper

Nutec Fibratex* ceramic fiber paper, is a lightweight refractory material processed from a blend of high purity alumina-silica fibers into a highly flexible, uniform sheet. It is recommended for continuous use at temperatures up to 1650 C (3000 F).

Nutec Fibratex* ceramic fiber paper, has low shrinkage, good handling strength, and low thermal conductivity. It contains a small amount of organic binder for processing which makes it flexible, yet reduces off-gassing and odor during use. Our product has a highly uniform structure due to its controlled basis weight and thickness, assuring homogeneous thermal conductivity and a clean, smooth surface ideal for gasketing or sealing.

Nutec Fibratex* paper is completely free of asbestos and is designed to be an economic replacement for asbestos paper in most applications.

Nutec Fibratex* paper is easy to handle and is readily cut with a knife, shears, or standard steel rule dies. Its flexibility allows it to be wrapped or rolled to fit most complex configurations.

Technical Specifications

	NF 1260 Paper	NF 1430 Paper	NF 1650 Paper
Maximum Use Temperature °C (°F)	1260 (2300)	1430 (2600)	1650 (3000)
Melting Point °C (°F)	1732 (3150)	1760 (3200)	1980 (3596)
Chemical Analysis (%)			
Al ₂ O ₃	47%	35%	97%
SiO ₂	53%	51%	3%
ZrO ₂	-	14%	-
LOI	6-8%	6-10%	6-8%
Density lbs/ft ³ (kg/m ³)	11.6 (185)	11.6 (185)	8 (128)
Thickness mm	1-6	1-6	1-6
in	1/32, 1/16, 1/8	1/16, 1/8, 1/4	1/16, 1/8

Available Width: 24", 48"

Other Widths Available up to 72" Maximum

Features

- Easy to cut, wrap or form.
- Temperature stability.
- Low thermal conductivity.
- Low heat storage.
- Resilient.
- Light weight.
- Thermal shock resistant.
- Good dielectric strength.
- High fired tensile strength.
- Good flame resistance.

Typical Applications

- Asbestos paper replacement.
- Investment cast mold wrap insulation.
- One-time consumable insulating applications.
- Backup lining for metal troughs.
- Hot top lining.
- Applications where low binder content is required.
- Thermal and electrical insulation.
- Upgrade for fiberglass paper and blanket products.

Available Roll Size

- 1260/Europe
- 1 x 610 x 40,000mm
- 2 x 610 x 20,000mm
- 3 x 610 x 15,000mm
- 4 x 610 x 10,000mm
- 5 x 610 x 10,000mm
- 6 x 1000 x 1220mm

