



Ceramic Fiber Paper



Properties

NUTEC Fibrattec* 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 1260°C(2300°F).

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

NUTEC Fibrattec* 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.

Features

- Easy to cut, wrap or form.
- Temperature stability.
- Low thermal conductivity.
- Low heat storage.
- Resilient.
- Lightweight.
- 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.
- Hottop lining.
- Applications where low binder content is required.
- Thermal and electrical insulation.
- Upgrade for fiberglass paper and blanket products.

Technical Specifications	NF 1260 Paper
Melting Point	1732°C(3150°F)
Maximum Use Temperature	1260°C(2300°F)
Chemical "Analysis"	
Al ₂ O ₃ S O ₂	47% 53%
ZrO ₂	6-8%
LOI	11.6(185)
Density lbs/ft ³ (kg/m ³)	1-6(1/32, 1/16, 1/8)
Thickness mm (in)	

Available Roll Size

1 x610x40,000mm 2x610x20,000mm 3x610x15,000mm 4x610x10,000mm 5x610x10,000mm

Available Width: 24", 48"

Other Widths Available up to 72" Maximum.