

Kao-Tex™ 2000 Textile Tapes and Ropes



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Features

- Use limit up to 2000°F (1093°C)
- Excellent fabrication and handling properties
- Conformable and durable
- Resistant to most acids and alkalis
- Will not shrink, stretch or unravel

Product Description

Kao-Tex 2000 tapes and ropes are made from alumina-silica ceramic fibers that are reinforced with an organic carrier fiber for added strength and stability, making them an excellent choice for industrial applications. The nature of the engineered fibers provide excellent strength, resulting in a physically resilient material well suited to high temperature industrial applications.

- Ceramic tapes
 - Steel wire reinforced
 - Fiberglass reinforced
- Ceramic fiber ropes
 - Twisted
 - Round braided
 - Square braided

Kao-Tex 2000 tapes and ropes exhibit excellent chemical stability resisting attack from most corrosive agents. Exceptions are hydrofluoric and phosphorous acids and concentrated alkalis.

Applications

- Gaskets
- Oven and furnace door seals
- Joint packing
- Mold and tube seals
- Steam pipe wrapping
- Cable and wire insulation
- Hydraulic and electrical line protection

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Physical Properties and Availability

Tapes					
	Style	Color	Continuous Use Limit, °F (°C)	Width, in (mm)	Thickness in (mm)
Ceramic fiber reinforced with fiberglass	125P	white	2000 (1093)	0.5, 1, 2, 3, 6 (13, 25, 51, 76, 152)	1/8 (3)
Ceramic fiber reinforced with steel wire	125I	white	2000 (1093)	0.5, 1, 2, 3, 6 (13, 25, 51, 76, 152)	1/8 (3)

Ropes			
	Color	Continuous Use Limit, °F (C)	Diameter, in (mm)
Twisted	white	2000 (1093)	1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 2 (6, 9, 13, 16, 19, 22, 25, 32, 38, 51)
Round braided	white	2000 (1093)	1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 2 (6, 9, 13, 16, 19, 25, 32, 38, 51)
Square braided	white	2000 (1093)	1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 2 (6, 9, 13, 16, 19, 25, 32, 38, 51)