

CERAMIC PAPER 3000°F

High Temp, Light Weight, Flexible, Easy to Handle

Cotronics' Ceramic Papers are made from Asbestos - Free, High Purity Alumina based refractory fibers.

Melting point is 3200°F to 3600°F.

Provides Outstanding High-Temperature Stability and a continuous use temp. of 2300°F to 3000°F.

Resistance to thermal shock and corrosion. Has excellent electrical resistance, low specific heat and thermal conductivity.

Can be: cut with ordinary hand scissors, folded, wrapped, rolled and goes around sharp corners.

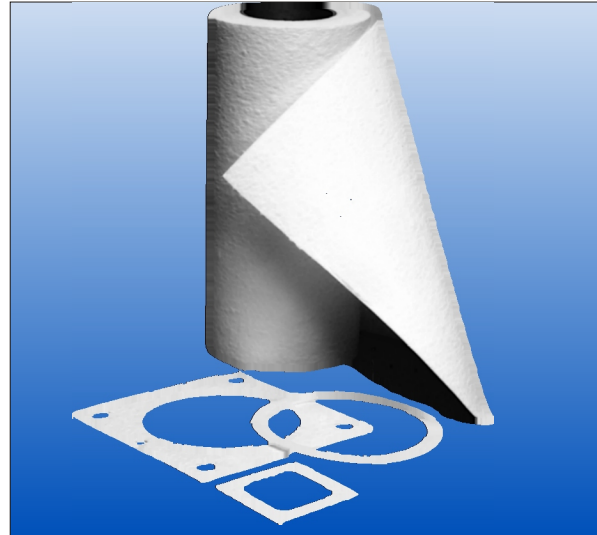
Ideal For: high-temperature gaskets, combustion furnaces, induction linings, electrical insulators, handling of molten metals, brazing, heat treating and metal forming operations.

Use Rescor 300 Series for all general purpose needs to 2300°F.

Use Ultra-Temp 3300 Paper, which is fabricated from 94% Alumina Fiber, for use to 3000°F

Use Binderless Paper, Rescor 300BL, in air, vacuum or atmosphere furnaces. No binders, No fumes associated with initial heat ups. Will not contaminate.

PROPERTIES	
Melting Point °F	3200
Service Temp °F	2300-3000
Density (#/ft ³)	12
Dielectric Constant (@10 ⁸ cps)	1.61
Dielectric Strength (Volts/mil.)	100
Loss Factor	0.017
Specific Heat (BTU / # °F)	0.25
Thermal Conductivity (BTU-in. / Hr. Ft ² °F)	
500°F	0.38
1000°F	0.60
1500°F	0.90
2000°F	1.33



APPLICATIONS

- (A) **Glass Working** Cushioning, annealing, glass holders - smooth and will not mar glass surfaces.
- (B) **Ceramics** Supports for firing, separators, kiln construction and repair.
- (C) **Chemical** High temp filters, construction or repair of high temp. equipment, reaction chambers, lab ovens, catalytic converters.
- (D) **Electrical** High temperature wire insulation, arc prevention, dielectric use, crystal work.
- (E) **Furnaces** Insulation, linings, tubes, supports, trays, element holders, construction of fast heat up furnaces, gaskets, induction linings, instant crucibles, thermocouples.
- (F) **High Temp.** Acoustical insulation, muffler lining, fire protection, high temp shock absorbers, expansion joints, stress relieving, instruments, chromatography, nuclear.
- (G) **Metal Working** Liquid aluminum handling, casting alloys, crucibles, distributors, liners, metal molds,

Cat No.	Temp.	Size	Cat No.	Temp.	Description
300-020-3	2300°F	Roll 1/32" x 24" x 50'	300-080-3	2300°F	Roll 1/8" x 24" x 25'
300-020-2	2300°F	Roll 1/32" x 24" x 175'	300-080-2	2300°F	Roll 1/8" x 24" x 50'
300-020-1	2300°F	Roll 1/32" x 12" x 350'	300-080-1	2300°F	Roll 1/8" x 12" x 100'
300-040-3	2300°F	Roll 1/16" x 24" x 25'	UT3300-2	3000°F	Roll 1/16" x 24" x 25'
300-040-2	2300°F	Roll 1/16" x 24" x 100'	300BL	2300°F	Roll 1/8" x 24" x 25'

300A Ceramic Paper Trial Kit (6 ft.² each of Rescor 300 -1/32", 1/16", 1/8" thick, and 2 ft.² of Rescor 300BL)



COTRONICS CORPORATION

www.cotronics.com

1", 2", 3", 12" and 48" widths, custom sizes, quantity prices on request.

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