

300R CERAMIC PAPER

REACH COMPLIANT

Highly Efficient, Thermal Insulation

Reach Compliant - Low Thermal Conductivity

High Temperature Stability - Flexibility

Introducing REACH compliant, high temperature, ceramic blankets, the ideal replacement for non compliant, RCF blankets.

Now Available, Cotronics's 300R, ceramic paper made from a unique combination of silica- magnesia to offer an alternative to paper manufactured from refractory ceramic fibers.

Provides outstanding high temperature stability and can be used continuously up until 2300°F.

Cotronics' Reach compliant Ceramic Paper offers excellent chemical*, corrosion, thermal shock and electrical resistance. In addition, 300R offers will not be wet by liquid metal alloys.

(*Not resistant to hydrofluoric and phosphoric acid; strong alkalis.)

It can be cut with ordinary hand scissors, folded, wrapped, rolled and will mold around sharp corners.

Strong, free-standing shapes are easily produced.

Ideal for high temp. gaskets, combustion furnaces, induction linings, electrical insulators, handling of molten metals, brazing, heat treating and metal forming operations.

Cotronics' REACH compliant, high temperature, ceramic paper, the ideal replacement for non compliant, RCF blankets is ideal for:

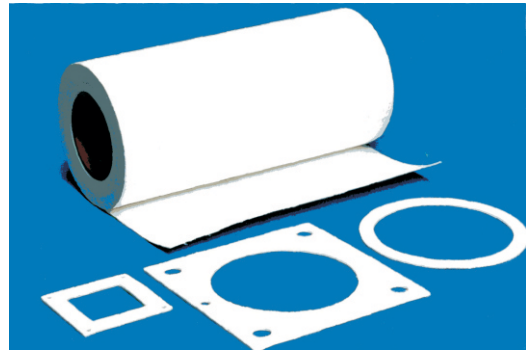
Insulating: glass, furnaces, lab ovens, kilns, reaction chambers, tanks, linings, acoustics, automotive mufflers, refractory back up in ladles, glass, etc.

Creating: heat shields, gaskets for fittings and appliances, wraps for shrouds and metal rods, molds for investment casting mold wrap, separators, element holders, etc.

Protecting: thermocouple tubes, instrumentation, high temperature wiring, expansion joints, fire protection, etc.

Forming: Highly efficient refractory back up insulation in ladles, glass, tanks and other high temp. furnaces; automotive muffler insulation; etc.

Available in 0.12" (3mm) and 0.23" (6mm) thicknesses. Other thicknesses available upon request.



PROPERTIES	
Melting Point (°F)	2730
Maximum Service Temp (°F)	2300
Density (# /ft ³)	10
Average Tensile Strength (psi)	55
Thermal Conductivity (BTU-in. /Hr. Ft ² °F)	
752°F	0.416
1112°F	0.624
1472°F	0.971

Insulation Thickness Selector

