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Refrasil Silica Cloth

Refrasil products are high strength acid leached amorphous silica textiles made to maximize both temperature resistance and physical strength. All Refrasil silica cloths have silica contents of at least 96%. This silica content gives Refrasil silica cloths a true 1800°F use limit. **Refrasil** Cloths are available in high strength **UC series**, preshrunk **C series**, and **Irish series** for use at temperatures up to 2300°F. Refrasil cloth is also available with aluminized, high temperature silicone, or abrasion resistant coating. Refrasil cloths can be used for welding protection, furnace curtains, etc..



Refrasil UC Series	UC100-48	UC100-96
Continuous Use Temp	1800°F	1800°F
Standard Width	36"	36"
Nominal Thickness	0.036"	0.056"
Weight (oz / sq yard)	18	36
Roll Length	50 yards	50 Yards
Fabric Style	8 harness satin	8 harness satin
Breaking Strength (warp/fill, lbs.)	250/200	400/350
Tear Strength (warp/fill, lbs.)	25/20	35/30
Chloride Residual ppm	20	20
Melting Point	3100°F	3100°F

UC Series cloth is also available with abrasion resistant coating, high temperature silicone coating, and aluminum foil. Call for more details

Refrasil Irish Series	C1554-48	C1554-96
Continuous Use Temp	2300°F	2300°F
Standard Width	33"	33"
Nominal Thickness	0.026"	0.052"
Weight (oz / sq yard)	18	35
Roll Length	50 yards	50 Yards
Fabric Style	8 harness satin	8 harness satin
Melting Point	3100°F	3100°F

Refrasil C Series (preshrunk)	C100-48	C100-96
Continuous Use Temp	1800°F	1800°F
Standard Width	33"	33"
Nominal Thickness	0.026"	0.052"
Weight (oz / sq yard)	18	35
Roll Length	50 yards	50 Yards
Fabric Style	8 harness satin	8 harness satin
Breaking Strength (warp/fill, lbs.)	50/20	90/35
Melting Point	3100°F	3100°F

*Exceptions include hydrofluoric and phosphoric acids and concentrated alkalis.

The test data shown are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes.