



***FIRE AND PRESHRUNK
REFRASIL® 2221-48 & 96 TREATED IRISH
EXTREME TEMPERATURE AMORPHOUS SILICA CLOTHS***

PRODUCT INFORMATION

REFRASIL® 2221 Irish Series is a latex-coated version of our C1554 Irish Series. The Irish cloth series was specially designed to extend the high temperature performance of the REFRASIL® medium and heavy weight cloths to 2300°F. The 2221 Series cloth is an acid-leached amorphous silica fabric that is fired and then treated with an exclusive HITCO Irish coating. This ceramic coating protects the silica cloth and extends its use temperature to 2300°F. The coating, a chromic oxide (Cr₂O₃) coating, gives the product a green color from which its Irish name was derived. The 2221 Series product is then coated with a latex coating that reduces dusting and improves the handling and fabrication characteristics of the material. The latex coating degrades at 350°F but the Irish coating survives to extend the usage temperature to 2300°F.

PRODUCT FEATURES

- Green color
- Latex coating for handling and fabrication ease
- Low dusting
- Extended high temperature performance (2300°F)
- Heat treated and pre-shrunk

APPLICATIONS

- Welding screens and curtains
- Stress relieving blankets
- Casting pit lining
- Steel slab reheating furnace curtains
- Molten metal splash protection

NOMINAL PROPERTIES

	<u>2221- 48</u>	<u>2221-96</u>
• Silica Content, %	96	96
• Width, in	33	33
• Weight, oz/yd ²	20	40
• Thickness, in	0.028	0.058
• Roll Length, yd	50	50
• Fabric Style	8-harness satin	12-harness satin
• Melting Point, deg F	2900	2900