

radiant heat, flame impingement and direct molten metal exposure. Reduced heat loss means lower fuel consumption and overall energy conservation. REFRASIL textile cloth has a high capacity to absorb moisture but does not degrade in the presence of water.

2220 REFRASIL textile fabric is a "treated" form of UC100 Series material. This treatment has been developed to enhance fabrication and improve abrasion resistance while maintaining the thermal insulation characteristics of the product.

Uses for Cloth

REFRASIL textile insulation offers a variety of applications such as furnace curtains, welding protection cloth, personnel shields, pre-heat and weld

stress relieving thermal blankets, and many other applications where heat is a destroyer.

2220 REFRASIL treated fabric is used as weld protection cloth and curtains, equipment covers, heat and flame shields, where textile fabrication methods are required. The durability of 2220 REFRASIL cloth enhances its resistance to physical abuse and abrasion, as well as improving its fabricating qualities.

For further details call or write:

Materials Division of HITCO
a subsidiary of Armco Steel Corporation
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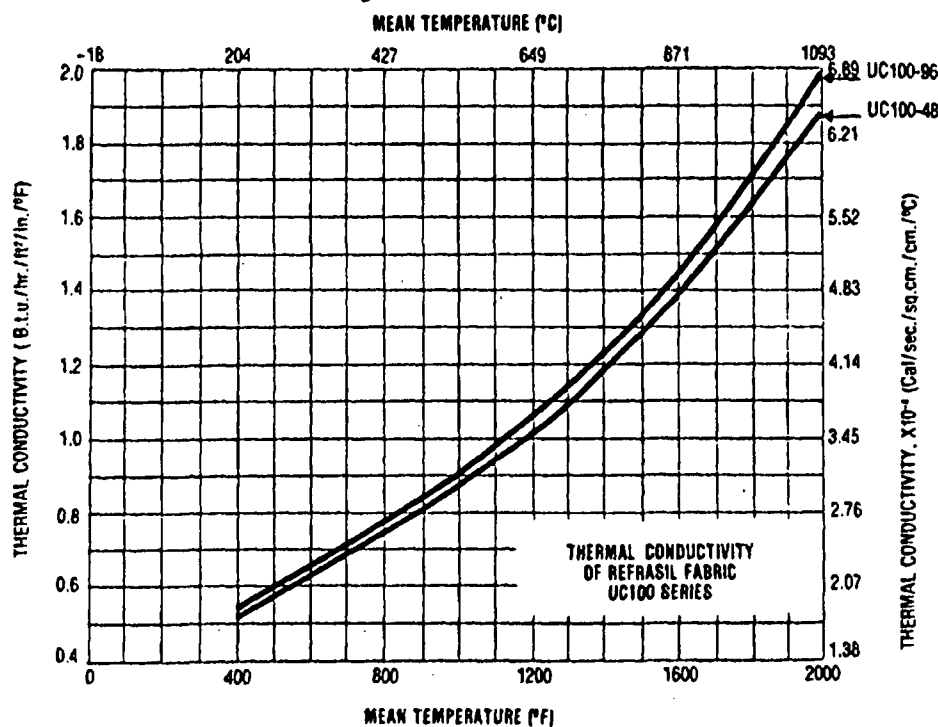
Properties of UC100 Series REFRASIL Cloth

Code No.	Type of Weave	Nominal Thickness (in.)	Nominal Width (in.)	Nominal Weight (oz./yd ²)	Nominal Breaking Strength (lb./in.)		Thread Count Per Inch*	
					Warp	Fill	Warp	Fill
UC-100-28	Harness	.015	36	10	60	40	65	58
UC-100-48	Harness	.026	36	18	80	60	46	36
UC-100-96	Harness	.054	37	34	220	160	46	36
2220-48	Harness	.027	36	21	80	60	46	36
2220-96	Harness	.055	37	38	220	160	46	36

* ± 4 ends and 4 picks per inch

All REFRASIL textile cloth material is supplied in 50 yard rolls.

Thermal Conductivity Curves for REFRASIL Cloth



LHT MD-1275 5M CP 1-76



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