



REFRASIL® UC100-48 AC-1 & UC100-96AC-1 ALUMINIZED SILICA FABRICS

PRODUCT INFORMATION

REFRASIL® UC100-48 and UC100-96 silica fabrics are available with aluminum foil bonded to one side. The aluminum provides a tough, impermeable, heat reflective coating that allows the silica fabric to be used in a variety of demanding applications. Although the foil is considered to be sacrificial at temperatures above 1100°F the aluminum will withstand continuous operating temperatures in the 600°F range with no significant degradation. However, long term exposure at temperatures above 600°F will ultimately degrade the adhesive used to laminate the aluminum to the cloth substrate. As with all REFRASIL® products, the base fabric will withstand temperatures up to 1800°F and will not melt until temperatures reach over 3000°F.

PRODUCT FEATURES

- Reflects radiant heat
- Easy to fabricate with
- Water resistant
- Abrasion resistant
- Resistant to air flow
- Non permeable surface

APPLICATIONS

- Expansion joints
- Thermal shielding
- Valve and pipe covers
- Industrial bellows
- Engine compartment linings
- Die cut gaskets
- Fire resistant articles

PRODUCT DESCRIPTION

	<u>UC100-48 AC/1</u>		<u>UC100-96 AC/1</u>	
Base fabric silica content	96 %	Minimum	96%	Minimum
Width	34-35	Inches	34-35	Inches
Total systems thickness	0.035	Inches	0.060	Inches
Aluminum thickness	0.0005	Inches	0.0005	Inches
Roll length (+/- 10%)	50	LY	50	LY