



REFRASIL® UC100-48 & UC100-96 RS/1 and RS/2 SILICONE COATED SILICA CLOTHS

PRODUCT INFORMATION

REFRASIL® UC100-48 and UC100-96 silica cloths are available coated with silicone rubber elastomer on one or both sides. Silicone rubber provides a tough water resistant coating that improves both the durability and fabrication qualities of the REFRASIL® fabric. Although the coating is considered to be sacrificial at temperatures above 600°F the elastomer will withstand continuous operating temperatures in the 425°F range with no significant degradation. Standard silicone coating is red in color and is applied at a standard thickness of 0.003" nominal to one or both sides. A variety of colors are available. As with all REFRASIL® products, the base fabric will withstand temperatures up to 1800°F and will not melt until temperatures reach about 2900°F.

PRODUCT FEATURES

- Easy to fabricate
- Water resistant
- Highly abrasion resistant
- Resistant to air flow
- Coating available in many thickness
- Various color options

APPLICATIONS

- Expansion joints
- Valve and pipe covers
- Industrial bellows
- Engine compartment linings
- Engine insulation pads
- Water resistant welding protection
- Die cut gaskets

NOMINAL PROPERTIES

	<u>UC100-48</u>	<u>UC100-96</u>
• Silica Content %	96	96
• Width, in	36	36
• Thickness Base Fabric, in	0.032	0.052
• Weight, oz/yd ²	26 for RS/1	42 for RS/1
• Weight, oz/yd ²	32 for RS/2	48 for RS/2
• Melting Point, °F	2900	2900
• Coating Thickness, in	0.003 per side	0.003 per side