



REFRASIL® AR100-48 & AR100-96 ABRASION RESISTANT SILICA CLOTHS

PRODUCT INFORMATION

REFRASIL® AR 100 Series silica cloth is produced from UC100 Series cloth with a special abrasion resistant coating. The AR coating provides added resistance to damage from dragging, scrapping, tearing and snagging found in work site conditions.

The orange AR coating will begin to degrade at 350°F and the extent of the degradation will be dependent on time and temperature exposure. The loss of the coating, however, will minimally affect the cloths' abrasion resistance and not the cloths thermal and physical performance. As with all REFRASIL products, the base fabric will withstand temperatures up to 1800°F and will not melt until temperatures reach over 2900°F.

PRODUCT FEATURES

- Orange color
- Easy to fabricate
- High silica content - excellent property retention @ 1800°F
- High strength and superior abrasion resistant properties

APPLICATIONS

- Expansion joints
- Welding screens and blankets
- Thermal protection in high traffic areas
- Thermal shielding
- Valve and pipe covers
- Die cut seals & gaskets

NOMINAL PROPERTIES

	<u>AR100-48</u>	<u>AR100-96</u>
• Silica Content, %	96	96
• Width, in	36	36
• Weight, oz/yd ²	20	36
• Total Thickness, in	0.032	0.052
• Fabric Style	8-harness satin	12-harness satin
• Roll Length, yd	50	50