Health data

Tests show that products of combustion emissions from the new AR Series coating are safe and nontoxic. This assures you of another reliable REFRASIL product free from any known health hazards.

For specific details, refer to "Technical Data Bulletin, Safety & Health Considerations," LHT/MD-10979 for AR100 Series REFRASIL.

Availability

Orange-colored AR Series REFRASIL Cloth is available in two weights or thicknesses: AR100-48 (20 oz./yd.^{2}) or AR100-96 (40 oz./yd.^{2}) The AR100 Series cloths are produced in 50 lineal yard rolls, 36 inches wide and are available through a nationwide network of stocking distributors.

For further details or the name of your nearest REFRASIL distributor, call or write:

HITCO Materials Division
Subsidiary of Armco
1600 West 135th Street
Gardena, CA 90249
Phone 213/321-8080



New AR Series REFRASIL extends service life for applications with intermittent, localized exposure to high temperatures.

Cloth properties

	AR100-48	UC100-48	AR100-96	UC100-96
Break strength (lbs./in.)				
Warp	200	80	400	220
Fill	150	60	375	160
Tear strength (lbs.)				
Warp	10	N/A	18	N/A
Fill	5	N/A	14	N/A
Weight (oz./yd.^{2})	20.3	18.5	40	35
Thickness (in.)	0.033	0.026	0.060	0.054
Flammability—warp/fill	nil	nil	nil	nil
Abrasion resistance (cycles)*				
Warp	2000	104	6500	229
Fill	175	55	3400	228
% SiO_2 (min.)	96	96	96	96

*NOTE: Comparative abrasion values for AR Series and UC Series REFRASIL were developed according to Federal Test Method Standard 191, Method 5304, using 2-lb. load, 2-lb. tension, and 600 grit abrasive paper, tested to failure

The information and data in this product data bulletin are accurate to the best of our knowledge and belief, but are intended for general information only. Applications suggested for the materials are described only to help the reader make his own evaluation and decision, and are neither guarantees nor to be construed as express or implied warranties of suitability for these or other applications, or recommendation to use the product in the infringement of any patent.

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