

CROCKING TEST**Application**

This procedure is used to determine the amount of color transferred from the surface of visible interior trim materials to other surfaces by rubbing.

Apparatus Required**Mechanically Driven Crockmeter**

The Crockmeter has a cylindrical acrylic finger 16 mm diameter, which has a flat, smooth end and the edges are slightly rounded to prevent abrading. The cylindrical finger shall exert a force on 9 N on the test material and shall have a stroke of approximately 100 mm.

Source:	Atlas Electric Devices Co. 4114 N. Ravenswood Avenue Chicago, IL 60613 U.S.A.	Wentworth Instruments Ltd. North Green, Datchet Slough, SL3 9JH England
Or	Firma Walter Thoma 7888 Rheinfelden/Baden Wehrstrabe 6, Germany	

AATCC-Chromatic Transference Scale (latest edition)

Source: American Association of Textile Chemists and Colorists
P.O. Box 12215
Research Triangle Park
Durham, North Carolina 27709 U.S.A.

Distilled or Deionized Water

20 micromhos/cm at 25 +/- 2 °C maximum conductivity (per ASTM D 1125)

Date	Action	Revisions
2001 09 11	Revised	Editorial – no technical change A. Cockman
1998 10 14		

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AATCC Crockmeter Cloth (style 3)

80 x 84 thread count, combed cotton, desized, bleached (no optical brightener or finishing material present)

Source: Test Fabrics, Inc.
P.O. Box 26
415 Delaware Ave.
West Pittston, PA 18643, USA
Phone: (717) 603-0432
Fax: (717) 603-0433

Conditioning and Test Conditions

All test values indicated herein are based on material conditioned in a controlled atmosphere of 23 +/- 2 °C and 50 +/- 5 % relative humidity for not less than 24 h prior to testing and tested under the same conditions unless otherwise specified.

Procedure

A. Fabrics

1. Cut two 25 x 150 mm specimens of the test sample in the warp (wales), weft (courses), and diagonal directions. Foam backing should be no more than 2 mm thick. If there is excess foam, it must be carefully removed to leave a maximum of 2 mm.
2. Fasten one of the warp test specimens to the base of the Crockmeter so that it is flat and the long dimension is in the direction of rubbing.
3. Mount two 50 x 50 mm crockmeter cloths over the end of the finger of the Crockmeter with the weave oblique to the direction of rubbing. The second layer of crockmeter cloth is used to prevent slippage of the primary crockmeter cloth during the test.
4. Move the finger back and forth through ten cycles across the test specimen at the rate of one complete cycle per second.
5. Remove the crockmeter cloth and measure and report in whole points any transference of color from the test specimen to the cotton fabric by using the AATCC Chart.

Color transference caused by the sharp edge of the finger shall not be measured or reported.