

**Colorfastness to Crocking**  
**AATCC Test Method 8-1996**

**What This Test is Used For:**

A crock test is used to determine the amount of color that may be transferred from a sample fabric to another fabric by rubbing.

**How This Test Works:**

A sample fabric is fastened to the crock meter and then rubbed against a white test cloth. This test is done twice; first with a dry test cloth, then with a wet test cloth. The amount of color transferred to the test cloth is assessed by comparison with the AATCC Chromatic Transference Scale.

**Scientific Testing Requirements:**

Bring specimens to moisture equilibrium for testing in standard atmosphere for testing textiles according to ASTM D-1776, conditioning Textiles for Testing.

**Equipment Needed:**

Crock meter  
2 white test cloths  
Pre-cut sample (9" in the warp X 3" in the weft)  
AATCC Chromatic Transference Scale

**Procedure:**

**Sample Preparation:**

- 1). Cut 9" (warp) X 3" (weft). One sample per person.
- 2). Condition sample in control chamber for at least 4 hours before testing to bring to moisture equilibrium.

**Loading Crock meter:**

**DRY TEST:**

- 1). Take 9" X 3" strip of fabric and secure into fabric holder so there is a pull and the technical face is facing down
- 2). Load the holder into the Crock meter so the technical face is facing upwards.
- 3). Mount a white test cloth and load into the machine.
- 4). Lower the lid and push the start button to begin the cycle. Machine will rub across the fabric 10 complete turns.
- 5). Remove the white test cloth and evaluate as directed

**WET TEST:**

- 1). Wet one of the white test cloths and mount on the machine the same way as directed in the dry test.
- 2). Mount the fabric into the holder the same as in the dry test.
- 3). Close the lid and run the machine 10 complete turns.
- 4). Evaluate as directed.

**Report:**

- 1). State that the specimens were tested as directed in Test Method D 2054. Describe the material or product sampled, and the method of sampling used.
- 2). Report the following information for the laboratory sampling unit and for the lot as applicable to a material specification or contract order:
  - Number of specimens tested,
  - Whether wet or dry crocking test was utilized, and
  - Degree of staining for each specimen as the appropriate grade on the AATCC Chromatic Transference Scale.