

**Test Method for Determining Blocking Resistance and Associated Characteristics
of Automotive Trim Materials**

1. **Scope**—This test method is designed to indicate the degree of surface tackiness, color transfer, loss of embossment, and surface marring when two trim materials are placed face to face under specific conditions of time, temperature, and pressure. These specific conditions are not dictated in this test procedure but will be found in the material standards which govern each type of trim material to be tested.
2. **References**—There are no referenced publications specified herein.
3. **Materials and Equipment Required**
 - 3.1 Weights or compression fixture capable of exerting uniform pressure over a 50 x 50 mm area.
 - 3.2 Air circulating oven.
 - 3.3 Small capacity tensile machine capable of determining increments of 0.5 N or less over a 0 to 90 N range. Front and back jaws shall have a minimum width of 50 mm.
4. **Test Specimens**—Cut one 50 x 75 mm test specimen from each trim material to be tested. If only one material is to be tested, cut two test specimens.
5. **Procedure**
 - 5.1 Preheat Oven and weight (or compression fixture) to specified temperature for at least 1 h.
 - 5.2 Place two test specimens face to face and align all edges.
 - 5.3 Place assembly into the preheated oven.
 - 5.4 Apply specified pressure to only upper 2/3 area of sandwich. This will allow an end flap of 25 x 50 mm on each specimen which will not be under pressure. See Figure 1.
 - 5.5 After specified time has elapsed, remove assembly from oven, release pressure, and allow a cooling period at room temperature for at least 0.5 h.

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- 5.6** Position specimens in tensile machine so that one flap is in upper jaw and other flap is in lower jaw. Disengage pawls. Separate specimens at a rate of 50 mm/min and record average reading.
- 5.7** Record also, observations concerning surface appearance of specimens as listed under Section 1.

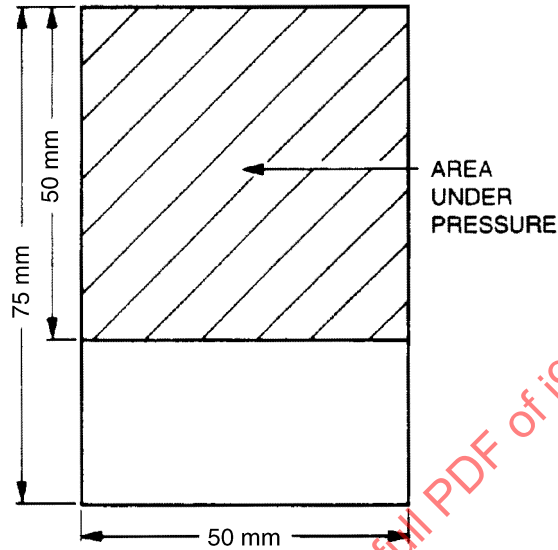


FIGURE 1—PROCEDURE FOR BLOCKING

6. Notes

- 6.1 Marginal Indicia**—The change bar (I) located in the left margin is for the convenience of the user in locating areas where technical revisions have been made to the previous issue of the report. An (R) symbol to the left of the document title indicates a complete revision of the report.

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