SAE International

SURFACE VEHICLE RECOMMENDED PRACTICE

SAE J882 SEP2012

Issued 1965-04
Reaffirmed 2012-09

Superseding J882 SEP2007

Test Method for Measuring Thickness of Automotive Textiles and Plastics

RATIONALE

J882 has been reaffirmed to comply with the SAE five-year review policy.

1. SCOPE

This test is designed to measure the thickness of textiles, plastics, and similar materials.

2. REFERENCES

There are no referenced publications specified herein.

3. APPARATUS REQUIRED

3.1 A dead weight type of dial micrometer capable of accurately measuring to 0.025 mm. The pressure foot shall have a diameter and mass, including connecting parts, of:

a. 76.2 mm ± 0.8 mm and 340 g ± 3 g for testing tufted floor coverings

b. 28.7 mm ± 0.3 mm and 283 g ± 3 g for testing felts and other nonwovens

c. 6.35 mm ± 0.06 mm and 85 g ± 0.8 g for testing bodycloths, seatbelt webbing, unsupported vinyl films, and coated fabrics

d. Or as agreed between contractual parties.

4. TEST SPECIMENS

Cut three test specimens approximately 100 x 100 mm from the center and the two opposite sides of the roll. Unless otherwise specified, specimens shall be taken no nearer the selvage edge than onetenth of the width of the material, nor nearer than 300 mm from either end of the roll. If the material is not supplied on rolls, the specimen shall be taken from the most representative areas.

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