

Determination of Fabric Propensity to Surface Fuzzing & Pilling

Pilling Box method

Test Methods: ISO 12945-1

TWC 152

AWTA Test Code: T07A

Test Information Sheet



This method is applicable to all knitted fabrics and woven fabrics having a soft finish.

Specimens of fabric, mounted on polyurethane tubes, are tumbled in a rotating cork-lined cubical box for a specified time.

This tumbling times specified are 2, 4, 5 or 10 hours and selection is generally dependent on the end use of the desired product.

Assessment is made using a standard viewing cabinet under standard lighting conditions. The degree of pilling of the specimens can be assessed by visual comparison using a written rating scale, or by visual comparison using standard rating photographs.

Grade	Description
5	No change
4	Slight surface fuzzing and/or partially formed pills
3	Moderate surface fuzzing and/or moderate pilling. Pills of varying size and density partially covering the specimen surface
2	Distinct surface fuzzing and/or distinct pilling. Pills of varying size and density covering a large proportion of the specimen surface
1	Dense surface fuzzing and/or severe pilling. Pills of varying size and density covering the whole of the specimen surface

ISO 12945-1:2000

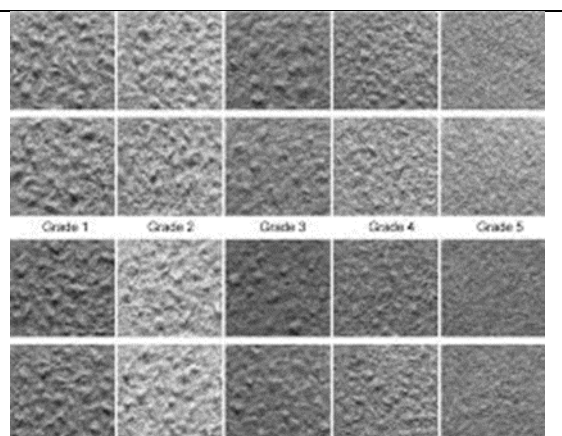


Table 1 Visual Assessment

Sample Size required for testing:

5 specimens 15cm X 15cm are tested, preferably from a submitted sample of 50cm X full width.

CONTACT US:

Contact AWTA Product Testing on: ☎ +61 (03) 9371 2400

Email: producttesting@awta.com.au