

Australian Standard™

**Methods of test for single sided and  
double sided pressure-sensitive  
adhesive tape**

**Method 2.3: Physical properties—  
Length**



This Australian Standard was prepared by Committee PK-025, Packaging Code. It was approved on behalf of the Council of Standards Australia on 26 September 2005.  
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## PREFACE

This Standard was prepared by Standards Australia Committee PK-025, Packaging Code to supersede AS/NZS 1635.8.1:1995, *Methods of test for pressure-sensitive adhesive tape, Part 8.1: Length*.

The objective of this edition is to revised the apparatus and materials used in the test methods of the Standard.

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**STANDARDS AUSTRALIA****Australian Standard****Methods of test for single sided and double sided pressure-sensitive adhesive tape****Method 2.3: Physical properties—Length****1 SCOPE**

This Standard specifies the method for determining the length of pressure-sensitive adhesive tape in a roll.

**2 APPARATUS**

The following apparatus is required:

- (a) *Length meter*  
Capable of measuring to within 0.1 m.
- (b) *Device*  
Intended for rewinding the tape.
- (c) *Balances*  
One capable of weighing to within 0.1 g, and the other capable of weighing to within 1 mg.
- (d) *Steel rule*  
Capable of measuring to within 1 mm.

**3 TEST CONDITIONS**

Testing shall be conducted at  $23 \pm 5^\circ\text{C}$  and  $50 \pm 5\%$  relative humidity.

**4 PREPARATION OF TEST SPECIMENS**

The roll shall be conditioned at  $23 \pm 5^\circ\text{C}$  and  $50 \pm 5\%$  relative humidity for  $24 \pm 1$  h prior to testing.

The test specimen taken from the roll shall be at least 1 m long, for Method B.

**5 PROCEDURE****5.1 Method A**

The procedure shall be as follows:

- (a) Ascertain the length of a complete roll by rewinding the roll with the wheel of the length meter in contact with a rotating roller on the rewinding device.
- (b) Record the length of the tape to the nearest 0.1 m.

**5.2 Method B**

The procedure shall be as follows:

- (a) Weigh the full roll, to the nearest 0.1 g, with the core in place ( $m_1$ ).