

Australian Standard<sup>®</sup>

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

**Part 0: Method selection guide**



This Australian Standard® was prepared by Committee PK-025, Packaging Code. It was approved on behalf of the Council of Standards Australia on 19 September 2006. This Standard was published on 23 October 2006.

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The following are represented on Committee PK-025:

- Australian Paints Manufacturers Federation
  - Canmakers Institutes of Australia
  - Printing Industries Associations of Australia
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through public comment period.

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## PREFACE

This Standard was prepared by Standards Australia Committee PK-025, Packaging Code.

The objective of the Standard is to list and provide commentary on the test methods in the AS 2313 series of Standards. This edition adds ten newly published test methods to the list.

The part and method titles in the AS 2313, *Methods of test for single sided and double sided pressure-sensitive adhesive tape* series are as follows:

### AS

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| 2313.1.2  | Method 1.2: Adhesion—Quickstick   |
| 2313.1.3  | Method 1.3: Adhesion—Rolling ball tack  |
| 2313.1.4  | Method 1.4: Adhesion—Adhesion strength after immersion  |
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| 2313.1.9  | Method 1.9: Adhesion—Resistance to shear peel at elevated temperature                               |
| 2313.1.10 | Method 1.10: Adhesion—Resistance to static shear load at ambient temperature                        |
| 2313.1.11 | Method 1.11: Adhesion—Resistance to dynamic shear load at ambient temperature                       |
| 2313.1.12 | Method 1.12: Adhesion—Resistance to shear peel at ambient temperature                               |
| 2313.1.13 | Method 1.13: Adhesion—Resistance to shear (holding power) at ambient temperature                    |
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| 2313.2.3  | Method 2.3: Physical properties—Length  |
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| 2313.2.5  | Method 2.5: Physical properties—Water vapour transmission rate                                      |
| 2313.2.6  | Method 2.6: Physical properties—Determining the thickness of release liner                          |
| 2313.2.7  | Method 2.7: Physical properties—Determining grammage of release liner                               |
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| 2313.3.2  | Method 3.2: Ageing properties—Stability of cellulose tape by accelerated ageing                     |
| 2313.3.3  | Method 3.3: Ageing properties—Mending stability   |
| 2313.3.4  | Method 3.4: Ageing properties—Determination of resistance to accelerated ageing by artificial light |
| 2313.3.5  | Method 3.5: Ageing properties—Determining dimensional stability of label stock                      |
| 2313.4.1  | Method 4.1: Printing properties—Determining indelibility of printed labels                          |
| 2313.4.2  | Method 4.2: Printing properties—Determining lightfastness of printed labels                         |
| 2313.4.3  | Method 4.3: Printing properties—Determining abrasive resistance                                     |

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## FOREWORD

The testing and evaluation of the properties of single sided and double sided adhesive tape are determined by four categories, adhesion, physical properties and ageing properties. Each of these characteristics are covered by Standards which are part of the AS 2313 series, which comprises test methods to measure these characteristics.

This Standard gives guidance to help the testing technician to determine the appropriate test that will measure the characteristics, which are required.

**STANDARDS AUSTRALIA**

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

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**Part 0: Method selection guide**

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**SECTION 1 SCOPE AND GENERAL****1.1 SCOPE**

This Standard gives guidance on the selection of the appropriate test methods in the AS 2313 series for the testing and evaluation of single sided and double sided pressure sensitive adhesive tape.

**1.2 REFERENCED DOCUMENTS**

The following documents are referenced in this Standard.

AS

2400 Packaging

2400.1 Part 1: Glossary of packaging terms

**1.3 DEFINITIONS**

For the purpose of this Standard, the terms and definitions in AS 2400.1 apply.