

Australian/New Zealand Standard™

**Methods of test for pulp and paper**

**Method 430: Liner adhesion of  
corrugated board**



AS/NZS 1301.430:2019

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The following are represented on Committee PK-019:

Appita  
Monash University  
New Zealand Paper Forum  
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## Preface

This Standard was prepared by the joint Standards Australia/Standards New Zealand Committee PK-019, Methods of Test for Pulp and Paper, to supersede AS 1301.430s:2004, *Methods of test for pulp and paper, Method 430s: Liner adhesion of corrugated board*.

The objective of this Standard is to set out a method to determine the liner adhesion of corrugated board.

The major changes in this edition are as follows:

- (a) The number of pins in the holder has not been specified, only a minimum number.
- (b) Changes have been made to the test piece length.
- (c) The location of pins determines which liner or corrugating medium glue lines will fail under load.

This method is similar in principle to Tappi T 821 and FEFCO Method No. 11.

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# Australian/New Zealand Standard

## Methods of test for pulp and paper

### Method 430: Liner adhesion of corrugated board

#### 1 Scope

This Standard sets out a method to determine the force required to break the bond between a liner and corrugated medium in corrugated board.

#### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

NOTE Documents for informative purposes are listed in the Bibliography.

AS/NZS 1301.414s, *Methods of test for pulp and paper, Method 414s: Conditioning of paper for testing*

AS/NZS 1301.415s, *Methods of test for pulp and paper, Method 415s: Standard atmosphere for testing paper and board and procedure for monitoring the atmosphere*

AS/NZS 1301.449s, *Methods of test for pulp and paper, Method 449s: Description of crush testing equipment*

#### 3 Terms and definitions

For the purpose of this document, the following terms and definitions apply.

##### 3.1

##### **glue line**

line of glue along the crests of the flutes of the corrugating medium by means of which the medium is attached to the liner

##### 3.2

##### **liner adhesion of a corrugated board**

load per unit length of glue line required to cause failure of the bond between a liner and a corrugating medium to which it is attached when tested under the conditions prescribed in this Standard. It is used as a measure of the tendency of the glue line to fail when under stress. Liner adhesion is expressed in kilonewtons per metre of glue line

##### 3.3

##### **may**

indicates the existence of an option

##### 3.4

##### **shall**

indicates that a statement is mandatory

##### 3.5

##### **should**

indicates a recommendation