

Australian Standard[®]

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

Method 3.5: Ageing properties—Determining dimensional stability of label stock

PREFACE

This Standard was prepared by the Standards Australia Committee PK-025, Packaging Code at the request of Australian Industry.

The objective of this Standard is to specify a method of test to determine the dimensional stability of label stock.

METHOD

1 SCOPE

This Standard specifies a method for determining the thickness of release liner of pressure-sensitive adhesive label stock.

2 REFERENCE DOCUMENTS

The following documents are referred to in this Standard:

AS

2400 Packaging

2400.1 Part 1: Glossary of packaging terms

ASTM

G154 Standard practice for operating fluorescent light apparatus for UV exposure of non-metallic materials

3 DEFINITIONS

For the purposes of this Standard, the following definitions in AS 2400.1 apply.

4 PRINCIPLE

Test specimens of the label stock are applied to polished stainless steel panels and, after 24 h, the dimensions are measured. The specimens are then subjected to artificial weathering, water immersion and temperature cycles, the dimensions remeasured after each individual treatment and the changes calculated as a percentage.