AS 2776—1998

## Australian Standard®

# Pressure-sensitive adhesive label stock—Plastic

This Australian Standard was prepared by Committee PK/14, Pressure Sensitive Labels. It was approved on behalf of the Council of Standards Australia on 15 October 1997 and published on 5 February 1998.

The following interests are represented on Committee PK/14:

Australian Chamber of Commerce & Industry

Department of Defence

Institute of Industrial Engineers

Label & Tag Manufacturers Association of Australia

Packaging Council of Australia

Plastics and Chemicals Industries Association

Printing Industries Association of Australia

**Review of Australian Standards.** To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.

Australian Standard , which subscripting memory receive, and which gives details of new paperentions, new editions and amendments, and of withdrawn Standards. Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

AS 2776-1998

### Australian Standard®

## Pressure-sensitive adhesive label stock—Plastic

Originated as AS 2776—1985. Second edition 1998.

PUBLISHED BY STANDARDS AUSTRALIA (STANDARDS ASSOCIATION OF AUSTRALIA) 1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7337 1626 1

#### PREFACE

This Standard was prepared by the Standards Australia Committee PK/14, Pressure Sensitive Labels, to supersede AS 2776—1985.

The objective of this Standard is to take into account new developments in plastic-based, pressure-sensitive adhesive label stock.

The principal differences between this edition and the 1985 edition of AS 2776 are as follows:

- (a) New definitions have been added.
- (b) References to classes and grades of adhesives and label stock have been modified.
- (c) Requirements for information to be supplied by the label stock manufacturer have been included.
- (d) The number of permitted splices for roll stock has been included.
- (e) Marking requirements have been altered.
- (f) Test methods have been changed.
- (g) Requirements for colour, gloss, opacity and translucency have been excluded as they are specified by the label stock manufacturer, where applicable.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

<sup>©</sup> Copyright - STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

### CONTENTS

SECTI	ON 1 SCOPE AND GENERAL REQUIREMENTS	
1.1	SCOPE	4
1.2	REFERENCED DOCUMENTS	4
1.3	DEFINITIONS	4
1.4		
1.5	MATERIALS AND CONSTRUCTION	5
1.6		
	STOCK MANUFACTURER	7
1.7	FINISHING, PACKAGING AND MARKING	8
SECTI	ON 2 PERFORMANCE REQUIREMENTS	
2.1	GENERAL SURFACE PROPERTIES	10
2.2	TENSILE STRENGTH	10
2.3	ADHESION	10
2.4	INITIAL TACK	10
2.5	RESISTANCE TO SHEAR (HOLDING POWER)	10
2.6	RELEASE PROPERTIES (FOR RELEASE LINER)	10
2.7	DIMENSIONAL STABILITY	10
APPEN	NDICES	
А	PURCHASING GUIDELINES	11
В	METHOD FOR DETERMINING THICKNESS OF RELEASE LINER	13
С	METHOD FOR DETERMINING GRAMMAGE OF RELEASE LINER	14
D	METHOD FOR DETERMINING TENSILE STRENGTH OF	
	FACESTOCK AND RELEASE LINER	16
E	METHOD FOR DETERMINING ADHESION	18
F	METHOD FOR DETERMINING INITIAL TACK	20
G	METHOD FOR DETERMINING RESISTANCE TO SHEAR	
	(HOLDING POWER)	22
Н	METHOD FOR DETERMINING LOW-SPEED RELEASE VALUE	
	FOR RELEASE LINER	24
Ι	METHOD FOR DETERMINING DIMENSIONAL STABILITY	
	OF LABEL STOCK	25



This is a free preview. Purchase the entire publication at the link below:

**Product Page** 

S Looking for additional Standards? Visit Intertek Inform Infostore

> Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation