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Australian Standard 2059 — 1977

PRESSURE SENSITIVE ADHESIVE EDGE-BINDING TAPES



STANDARDS ASSOCIATION OF AUSTRALIA
Incorporated by Royal Charter



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THE FOLLOWING SCIENTIFIC, INDUSTRIAL AND GOVERNMENTAL organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Army Design Establishment
Associated Chambers of Manufactures of Australia
Australian Council of Retailers
Department of Defence
Government Stores Department, N.S.W.
Marine Underwriters
Materials Research Laboratories
National Packaging Association of Australia
Royal Melbourne Institute of Technology
State Electricity Commission of Victoria
Telecom Australia
University of N.S.W.
Victorian Railways

This standard, prepared by Committee MS/1, Pressure Sensitive Adhesive Tapes, was approved on behalf of the Council of the Standards Association of Australia on 26 April 1977, and was published on 1 July 1977.

The specification is intended to include the technical provisions necessary for the supply of the material herein referred to, but does not purport to comprise all the necessary provisions of a contract.

In order to keep abreast of progress in industry, Australian standards are regularly reviewed. Suggestions for improvements, addressed to the head office of the Association, Sydney, are welcomed.

AUSTRALIAN STANDARD SPECIFICATION

PRESSURE SENSITIVE ADHESIVE EDGE-BINDING TAPES

AS 2059 — 1977

First published (as AS Z25) 1964
Revised and issued as AS 2059 1977

PUBLISHED BY THE STANDARDS ASSOCIATION OF AUSTRALIA
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PREFACE

This standard was prepared by the Association's Committee on Pressure Sensitive Adhesive Tapes as a revision and metrication of AS Z25—1964, which it accordingly supersedes. The standard is one of a series, the others in the series being as follows:

AS 1599 Pressure Sensitive Adhesive Packaging Tapes
AS 1602 Pressure Sensitive Adhesive Filmic Tapes
AS 1621 Pressure Sensitive Adhesive Electrical Tapes
AS 1635 Methods of Test for Pressure Sensitive Adhesive Tapes
AS 2058 Pressure-Sensitive Adhesive Double-faced Tapes
AS 2060 Pressure Sensitive Adhesive Masking Tapes
AS .... Glossary of Terms for Pressure Sensitive Adhesive Tapes*

The purpose of the standard is to provide a uniform basis, in terms of performance requirements, for the purchase of pressure sensitive adhesive edge-binding tapes. Provision is made for one group of performance requirements which apply in all cases, and also for a further series of optional performance requirements, the application of which is to be determined by agreement between purchaser and vendor. If any optional tests are required by the purchaser these should be specifically detailed in the purchasing order or tendering requirement.

The details included in this standard have been based on data supplied by manufacturers of edge-binding tapes and on testing to establish values relevant to Australian production.

The use of various terms found in this standard is consistent with definitions and explanations in AS ....*

This standard requires reference to:

AS 1199 Sampling Procedures and Tables for Inspection by Attributes
AS 1399 Guide to AS 1199, Sampling Procedures and Tables for Inspection by Attributes
AS 1635 Methods of Test for Pressure Sensitive Adhesive Tapes.

*In course of preparation as a revision of AS Z16 — 1961.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard Specification for PRESSURE SENSITIVE ADHESIVE EDGE-BINDING TAPES

SECTION 1. SCOPE AND GENERAL REQUIREMENTS

1.1 SCOPE. This specification applies to pressure sensitive adhesive tapes of the type commonly used for edge binding of plans, drawings, and similar documents.

1.2 APPLICATION. The tape shall comply with the requirements of Section 1 and shall satisfy the performance requirements of Section 3, and such of the optional clauses of Section 4 as may be agreed between the purchaser and the vendor.

1.3 DESCRIPTION. Pressure sensitive adhesive edge-binding tapes shall consist of cloth, paper and/or plastics film, or laminations thereof, coated uniformly overall or in strip form with a suitable adhesive composition requiring no moisture, heat, or other special preparation prior to application.

Rolls of tape shall be wound uniformly and evenly so that each succeeding turn coincides with the one below.

1.4 CLASSIFICATION. The tape shall be classified in accordance with Table 1 and the limiting values for physical properties for the various

1.5 STORAGE STABILITY — SHELF LIFE*. Supplies of the tape shall remain in a satisfactory condition and comply with the requirements of Section 3, excluding Clause 3.2, and with such clauses of Section 4 as may be agreed between the purchaser and the vendor, for a period of 12 months from the date of delivery, if stored in their original sealed packages under conditions below 25°C and 80 percent relative humidity.

Duplicate samples of the tape from each consignment may be sealed by the purchaser, one set of samples being retained by the purchaser and one by the vendor. Such samples may be referred to in the event of any contention by the purchaser that the provisions of this clause have not been met.

*For normal storage the rolls of tape should be stored flat on their cut edges in the original containers, until required for use. They should be protected from dust, heat, moisture and direct sunlight.