
**Imaging materials — Adhesive mounting
systems — Specifications**

*Matériaux pour l'image — Systèmes de montage adhésifs —
Spécifications*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 18932 was prepared by Technical Committee ISO/TC 42, *Photography*.

This first edition cancels and replaces two separate ANSI standards, which were combined to form this original ISO document.

Introduction

Adhesives can either be permanent (of more interest to consumers mounting photos in albums) or reversible (of more interest to museums and conservators). This International Standard is geared to the former rather than the reversible adhesives. This International Standard assures that adhesives used to mount images are both permanent and photo safe.

Imaging materials — Adhesive mounting systems — Specifications

1 Scope¹⁾

This International Standard provides specifications for adhesive mounting materials for use in attaching prints including photographic, electrophotographic, electrostatic, thermal transfer, or inkjet prints to mounting boards, album leaves, file cards, and other supports. This International Standard covers both pressure-sensitive and thermally-activated adhesives¹⁾. Spray adhesives are specifically excluded from this International Standard.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 8510-1:1990, *Adhesives — Peel test for a flexible-bonded-to-rigid test specimen assembly — Part 1: 90 degree peel*

ISO 14145-1:1998, *Roller ball pens and refills — Part 1: General use*

ISO 14523, *Photography — Processed photographic materials — Photographic activity test for enclosure materials*

ISO 18902, *Imaging Materials — Processed photographic films, plates and papers — Filing enclosures and storage containers*

ASTM D3330/D3330M-00, *Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape*²⁾

ASTM D3611-89 (Reapproved 1998) *Standard Practice for Accelerated Aging of Pressure-Sensitive Tapes*²⁾

3 Requirements

3.1 Characteristics of adhesive mounting systems

3.1.1 General

Pressure-sensitive adhesive mounting systems commonly consist of two basic forms, supported and unsupported. They are usually applied to the back of the print. Both systems use release-coated liners to protect the adhesive prior to use.

1) This International Standard is not applicable to situations in which the permanent mounting of a photograph is not recommended.

2) Available from ASTM, 100 Bar Harbor Drive, West Conshohocken, PA 19428-2959.