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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 46438-2025

**Imaging materials - Adhesive mounting systems -
Specifications**

影像材料 粘合装裱系统 规范

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document adopts ISO 18932:2009 "Specification for mounting and framing systems for photographic materials".

This document includes a new chapter on "Terms and Definitions".

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the China Petroleum and Chemical Industry Federation.

This document is under the jurisdiction of the National Technical Committee on Standardization of Photosensitive Materials (SAC/TC102).

Introduction

The adhesive may be permanent (a greater concern for consumers who want their photos framed in albums) or reversible (for museums and artifact restorers).

(Further focus). This document focuses on permanent adhesives, not reversible adhesives. This document ensures that the adhesives used for mounting images are both permanent and reversible.

It is permanent and harmless to photos.

Specifications for Image Material Bonding and Mounting Systems

1 Scope

This document specifies the methods for pasting photographs (including traditional photographs, electrophotographs, electrostatic, thermal transfer, or inkjet prints) onto mounting boards and albums.

Specifications for adhesive mounting materials for pages, cards, and other supports. This document covers pressure-sensitive adhesives and heat-activated adhesives. This document does not include...

Including sprayed adhesives.

This document does not apply to situations where permanent framing of photographs is not recommended.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies.

This document.

Part 1: General use)

Note 1: There are no technical differences between the content referenced in ISO 14145-1:2017 and the content referenced in ISO 14145-1:1998.

Note 2: GB/T 32017-2019 Water-based ink ballpoint pens and refills (ISO 14145-1:1998, ISO 14145-2:1998, MOD) ISO 18902 Image materials - Processed image materials, albums, frames and storage materials (Imagingmaterials-Pro-ISO 18916 Photographic activity tests of processed photographic materials and their outer packaging.

AdhesionofPressure-SensitiveTape)

3 Terms and Definitions

This document does not contain any terms or definitions that need to be defined.

4.1.1 Overview

Pressure-sensitive adhesive mounting systems typically come in two basic forms. with a support and without a support. They are usually applied to the back of photographs.

Both systems use release coating gaskets to protect the adhesive before use.

Liquid adhesives require a compatible dispenser or applicator to apply them to the back of the photograph or the front of the mounting plate. Paste adhesives...

The adhesive is thicker and is usually applied with a brush or roller. Solid adhesives are typically applied to the back of a photograph by hand under pressure.