INTERNATIONAL STANDARD

ISO 14548

Second edition
2021-10

Photography — Dimensions of glass plates

Photographie — Dimensions des plaques de verre

Reference number
ISO 14548:2021(E)

© ISO 2021



COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

© ISO 2021 – All rights reserved

Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Conditions for measurement of dimensions **1**
4.1 Dimensions 1
4.2 Calibration of measuring instruments 1
5 Dimensions **1**
5.1 Cutting dimensions 1
5.2 Substrate thickness 1
6 Squareness **2**
7 Package marking **2**
Annex A (informative) **Non-standard plate sizes** **4**
Bibliography **6**

© ISO 2021 – All rights reserved

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

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

This second edition cancels and replaces the first edition (ISO 14548:1998), which has been technically revised.

The main changes compared to the previous edition are as follows:

— Clause 2 has been updated;

— Clause 3 has been added as it is now a mandatory element;

— Annex A has been added to address new, non-standard plate sizes, which do not align with the sizes of the dry plate and wet plate area.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

© ISO 2021 – All rights reserved

Introduction

The purpose of this document is the inclusion of an annex to cover the dimensions of sheet films, which are being used in newly manufactured holders for antique glass plate cameras.

© ISO 2021 – All rights reserved

Photography — Dimensions of glass plates

1 Scope

This document specifies the nominal sizes of photographic glass plates, together with cutting dimensions and their tolerances. It also specifies the nominal substrate thicknesses and their tolerances, as well as providing a cross-reference for sheet films being used in newly manufactured holders for 19th century glass plate cameras.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1, *Geometrical product specifications (GPS) — Standard reference temperature for the specification of geometrical and dimensional properties*

ISO 554, *Standard atmospheres for conditioning and/or testing — Specifications*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

4 Conditions for measurement of dimensions

4.1 Dimensions

The dimensions and tolerances specified in this document shall apply at the time of manufacture (except where specifically stated otherwise), when measured under atmospheric conditions of (23 ± 2) °C and (50 ± 5) % relative humidity, as specified in ISO 554.

4.2 Calibration of measuring instruments

All measuring instrument calibrations shall be conducted at a temperature of 20 °C as specified in ISO 1, and a relative humidity of 50 %.

5 Dimensions

5.1 Cutting dimensions

Cutting dimensions and tolerances of plates shall conform to the values given in Tables 1 and 2.

5.2 Substrate thickness

Substrate thicknesses of glass plates shall conform to the values given in Table 3.

© ISO 2021 – All rights reserved