



**International
Standard**

ISO 6599-1

**Packaging — Conditioning for
testing —**

**Part 1:
Paper sacks**

Emballages — Conditionnement pour essais —

Partie 1: Sacs en papier

**Second edition
2026-07**

Sample Document

get full document from standards.iteh.ai

Sample Document

get full document from standards.iteh.ai



COPYRIGHT PROTECTED DOCUMENT

© ISO 2026

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

Contents		Page
Foreword.....		iv
Introduction.....		v
1	Scope.....	1
2	Normative references.....	1
3	Terms and definitions.....	1
4	Conditioning atmospheres.....	1
4.1	General.....	1
4.2	Temperature and humidity.....	2
5	Equipment.....	2
5.1	Room and measuring instrumentation.....	2
5.2	Determination of temperature and relative humidity.....	2
6	Procedure.....	2
6.1	General.....	2
6.2	Minimum conditioning period for sacks without barrier plies.....	2
6.3	Minimum conditioning period for sacks with barrier plies.....	2
7	Test report.....	3

Sample Document

get full document from standards.iteh.ai

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 document 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).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

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 122, *Packaging*, Subcommittee SC 3, *Performance requirements and tests for means of packaging, packages and unit loads*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 261, *Packaging*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 6599-1:1983), which has been technically revised.

The main changes are as follows:

- a reference to ISO 554 on standard atmospheres for conditioning has been deleted;
- a clarification on omitting preconditioning as part of the procedure has been added;
- a recommendation on the periodical calibration of a recording hygrometer has been added;
- the test report has been enhanced with additional information requirements.

A list of all parts in the ISO 6599 series can be found on the ISO website.

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.

Introduction

The physical properties of paper are affected materially by its moisture content, which is dependent on the humidity and temperature of the surrounding atmosphere. In order to perform tests on a paper sack in a defined physical state, it is brought into equilibrium with an atmosphere of standardized temperature and relative humidity and tested in that atmosphere.

Sample Document

get full document from standards.iteh.ai