
**Textiles — Determination of the
recovery from creasing of a folded
specimen of fabric by measuring the
angle of recovery —**

**Part 1:
Method of the horizontally folded
specimen**

*Textiles — Détermination de l'auto-défroissabilité d'une éprouvette
d'étoffe pliée, par mesurage de l'angle rémanent après pliage —*

Partie 1: Méthode de l'éprouvette pliée horizontalement

ISO 2313-1:2021

<https://standards.iteh.ai/catalog/standards/iso/fc2c8fa2-9779-46ab-8812-78febc69c141/iso-2313-1-2021>



iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

ISO 2313-1:2021

<https://standards.iteh.ai/catalog/standards/iso/fc2c8fa2-9779-46ab-8812-78febc69c141/iso-2313-1-2021>



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

Contents

	Page
Foreword.....	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle.....	1
5 Apparatus.....	2
6 Sampling and preparation of specimens.....	3
7 Atmosphere for conditioning and testing	4
8 Test procedure.....	4
8.1 General conditions.....	4
8.2 Loading.....	4
8.3 Measurement of the crease recovery angle.....	5
9 Expression of results.....	5
10 Test report.....	5

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO 2313-1:2021](https://standards.iteh.ai/catalog/standards/iso/fc2c8fa2-9779-46ab-8812-78febc69c141/iso-2313-1-2021)

<https://standards.iteh.ai/catalog/standards/iso/fc2c8fa2-9779-46ab-8812-78febc69c141/iso-2313-1-2021>

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 38, *Textiles*, Subcommittee SC 24, *Conditioning atmospheres and physical tests for textile fabrics*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 248, *Textiles and textile products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This first edition of ISO 2313-1 cancels and replaces ISO 2313:1972, which has been technically revised.

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

- changing the normative reference ISO/R 139 to ISO 139;
- adding the tolerance of the load on the specimen in [5.1 a](#));
- redrafting the description about "Sampling and preparation of specimens" to improve clarity of meaning in [Clause 6](#) (former Clause 6 and Clause 7);
- revising the distance from the selvedge while taking the specimen, i.e. from "not less than 50 mm" to "not less than 150 mm" in [6.2](#) (former 7.1);
- revising the requirement of atmosphere for conditioning and testing according to ISO 139 in [Clause 7](#) (former 7.4);
- giving two crease recovery angles, i.e. "rapid crease recovery angle" obtained at 15 s after removal of the creasing load, and "delay crease recovery angle" obtained at 5 min after removal of the creasing load in [Clause 3](#) and in [8.3](#).
- revising result expression from "Calculate the mean value to the nearest degree" to "Calculate the mean value rounded off to one decimal place" in [Clause 9](#).

A list of all parts in the ISO 2313 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

Creases in textile fabrics diminish at varying rates on the removal of the creasing forces. The magnitude of the crease recovery angle is an indication of the ability of a fabric to recover from accidental creasing.

The suitable method can be chosen according to the type or end-use of textile fabrics. The test results obtained by different methods are not comparable.

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO 2313-1:2021](https://standards.iteh.ai/catalog/standards/iso/fc2c8fa2-9779-46ab-8812-78febc69c141/iso-2313-1-2021)

<https://standards.iteh.ai/catalog/standards/iso/fc2c8fa2-9779-46ab-8812-78febc69c141/iso-2313-1-2021>

