

---

---

**Textiles — Preparation, marking and  
measuring of fabric specimens and  
garments in tests for determination of  
dimensional change**

*Textiles — Préparation, marquage et mesurage des éprouvettes  
d'étoffe et des vêtements dans les essais de détermination de la  
variation des dimensions*



This document is a preview generated by EVS



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2011

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.org](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland

## Contents

Page

Foreword .....	iv
1 Scope .....	1
2 Normative references .....	1
3 Principle .....	1
4 Apparatus .....	2
5 Atmospheres for conditioning and testing .....	2
6 Procedure for fabric specimens .....	2
7 Procedure for garments .....	3
8 Procedure for flat made-up textile articles .....	5
9 Treatment of specimens .....	5
10 Expression of results .....	5
11 Test report .....	6

## 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 3759 was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 2, *Cleansing, finishing and water resistance tests*.

This fifth edition cancels and replaces the fourth edition (ISO 3759:2007), of which it constitutes a minor revision. ISO 15797 has been added to Clause 1 (Scope), to Clause 2 (Normative references) and to Clause 9 (Treatment of specimens); and in 6.1, the second and the third paragraphs were inverted.

# Textiles — Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change

## 1 Scope

This International Standard specifies a method for the preparation, marking and measuring of textile fabrics, garments and fabric assemblies for use in tests for assessing dimensional change after a specified treatment, e.g. washing, dry cleaning, soaking in water and steaming, following the procedures in ISO 3005, ISO 7771, ISO 6330, ISO 3175 or ISO 15797. This International Standard is applicable to woven and knitted fabrics, and made-up textile articles. The procedures are not applicable to certain upholstery coverings.

## 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 139, *Textiles — Standard atmospheres for conditioning and testing*

ISO 3005, *Textiles — Determination of dimensional change of fabrics induced by free-steam*

ISO 3175 (all parts), *Textiles — Professional care, drycleaning and wetcleaning of fabrics and garments*

ISO 6330, *Textiles — Domestic washing and drying procedures for textile testing*

ISO 7771, *Textiles — Determination of dimensional changes of fabrics induced by cold-water immersion*

ISO 15797, *Textiles — Industrial washing and finishing procedures for testing of workwear*

ISO 22198, *Textiles — Fabrics — Determination of width and length*

## 3 Principle

The specimens are selected to represent the bulk of the textile under examination. Pairs of reference points are marked on each specimen, and the distance between each pair of reference points is measured before and after specified treatments.