

INTERNATIONAL STANDARD

ISO
9073-2

Second edition
1995-03-15

Textiles — Test methods for nonwovens —

Part 2: Determination of thickness

*Textiles — Méthodes d'essai pour nontissés —
Partie 2: Détermination de l'épaisseur*



Reference number
ISO 9073-2:1995(E)
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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.

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.

International Standard ISO 9073-2 was prepared by Technical Committee ISO/TC 38, *Textiles*.

This second edition cancels and replaces the first edition (ISO 9073-2:1989), which has been technically revised.

ISO 9073 consists of the following parts, under the general title *Textiles* — *Test methods for nonwovens*:

- *Part 1: Determination of mass per unit area*
- *Part 2: Determination of thickness*
- *Part 3: Determination of tensile strength and elongation*
- *Part 4: Determination of tear resistance*
- *Part 5: Determination of bursting stress*
- *Part 6: Determination of absorption*
- *Part 7: Determination of bending length*
- *Part 8: Determination of liquid strike-through time (simulated urine)*
- *Part 9: Determination of drape coefficient*

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Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Introduction

Although nonwovens are classified within the textile industry, it should be recognized that nonwovens technologically share characteristics not only with textile products but also with paper and/or plastic products. There is an existing international textile test for the determination of thickness, ISO 5084:—, *Textiles — Determination of the thickness of textiles and textile products (other than textile floor coverings, nonwovens and geotextiles)* [to be published (revision of ISO 5084:1977)]. However, in order to meet the specific needs of nonwovens, alternative requirements to those listed in ISO 5084 are specified in this part of ISO 9073. These are

- a) a different sampling procedure;
- b) specific pressures at which to test normal and bulky nonwovens;
- c) a specific area for the size of the presser-foot;
- d) a shorter time to note the gauge reading.

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