



SLOVENSKI STANDARD
SIST EN 25978:1999

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Rubber- or plastics-coated fabrics - Determination of blocking resistance (ISO 5978:1990)

Gummi- oder kunststoffbeschichtete Textilien - Bestimmung des Blockwiderstandes (ISO 5978:1990)

ITeH STANDARD PREVIEW
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Supports textiles revetus de caoutchouc ou de plastique - Détermination de la résistance au blocage (ISO 5978:1990)

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Ta slovenski standard je istoveten z: EN 25978:1993

ICS:

59.080.40 Ú[ç:zã •\ [Á !^ç|^ ^} ^ Coated fabrics
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EUROPEAN STANDARD

EN 25978

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 1993

UDC 677.077.65:687.066:677.017.424.25:620.1

Descriptors: Textiles, coated fabrics, fabrics coated with rubber, fabrics coated with plastics, adhesion tests

English version

**Rubber- or plastics-coated fabrics - Determination
of blocking resistance (ISO 5978:1990)**

Supports textiles revêtus de caoutchouc ou de
plastique - Détermination de la résistance au
blocage (ISO 5978:1990)

Gummi oder Kunststoffbeschichtete Textilien -
Bestimmung des Blockwiderstandes
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This European Standard was approved by CEN on 1993-04-05. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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EN 25978:1993

Foreword

This European Standard is the endorsement of ISO 5978. Endorsement of ISO 5978 was recommended by CEN/TC 248 "Textiles and textile products" under whose competence this European Standard will henceforth fall.

This European Standard shall be given the status of national standard, either by publication of an identical text or by endorsement, at the latest by March 1994, and conflicting national standards shall be withdrawn at the latest by March 1994.

The Standard was approved and in accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

Endorsement notice

The text of the International Standard ISO 5978:1990 was approved by CEN as a European Standard without any modification.

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INTERNATIONAL STANDARD

ISO
5978

Second edition
1990-02-15

Rubber- or plastics-coated fabrics — Determination of blocking resistance

iTeh STANDARD PREVIEW
*Supports textiles revêtus de caoutchouc ou de plastique —
Détermination de la résistance au blocage*
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Reference number
ISO 5978:1990(E)

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 approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 5978 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*.

This second edition cancels and replaces the first edition (ISO 5978:1979), of which it constitutes a minor technical revision.

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International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Introduction

Blocking tests at elevated temperatures are designed to estimate the relative resistance of rubber- or plastics-coated fabrics to blocking. For this purpose, the coated fabric is subjected to a specified load over a defined area at a specific temperature.

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Rubber- or plastics-coated fabrics — Determination of blocking resistance

1 Scope

This International Standard specifies a method for the determination of the resistance of rubber- or plastics-coated fabrics to blocking.

The method specified is acceptable in most cases. If it is desired to use conditions other than those specified, these may be mutually agreed between the contracting parties but such variations shall be stated in the test report.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 2231:1989, *Rubber- or plastics-coated fabrics — Standard atmospheres for conditioning and testing.*

3 Definition

For the purposes of this International Standard, the following definition applies.

blocking: An unintentional adherence between materials.

[Definition taken from ISO 472:1988, *Plastics — Vocabulary.*]

4 Apparatus

4.1 Glass plates, measuring approximately 150 mm × 150 mm × 3 mm.

4.2 Weight-piece, of mass 5,0 kg.

4.3 Circulating-air oven, of such a size that the total volume of the test assemblies does not exceed 10 % of the free space in the oven.

Provision shall be made for placing the test assemblies on shelves so they are not less than 50 mm from each other or from the sides of the oven.

The nature of the source of heat is optional but the source shall be located in the air supply of the oven.

Provision shall be made for circulation of air through the oven at a rate such as to provide a minimum of six air changes per hour.

The temperature of the oven shall be thermostatically controlled to maintain the temperature of the test assemblies within ± 2 °C of the specified temperature.

Baffles shall be used as required to prevent overheating and dead-spots.

5 Time interval between manufacture and testing

5.1 For all purposes, the minimum time between manufacture and testing shall be 16 h.

5.2 For non-product tests, the maximum time between manufacture and testing shall be four weeks, and for evaluations intended to be comparable, the tests, as far as possible, shall be carried out after the same time interval.

5.3 For product tests, whenever possible, the time between manufacture and testing shall not exceed three months. In other cases, tests shall be made within two months of the date of receipt by the customer.