

---

---

**Rubber- or plastics-coated fabrics —  
Determination of resistance to combined  
shear flexing and rubbing**

*Supports textiles revêtus de caoutchouc ou de plastique — Détermination  
de la résistance au froissement dû à l'application simultanée d'un couple  
et de frottement*



## 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 5981 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*.

This second edition cancels and replaces the first edition (ISO 5981:1982), which has been technically revised.

© ISO 1997

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 the publisher.

International Organization for Standardization  
Case postale 56 • CH-1211 Genève 20 • Switzerland  
Internet central@iso.ch  
X.400 c=ch; a=400net; p=iso; o=isocs; s=central

Printed in Switzerland

# Rubber- or plastics-coated fabrics — Determination of resistance to combined shear flexing and rubbing

**WARNING —** Persons using this International Standard should be familiar with normal laboratory practice. This standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to ensure compliance with any national regulatory conditions.

## 1 Scope

This International Standard specifies two methods of evaluating the resistance to combined shear flexing and rubbing of rubber- or plastics-coated fabrics. Rubbing is either forced by application of a pressure foot (method A), or is caused by simple contact between the faces of the test pieces (method B).

Method B (without application of the pressure foot) is preferred in all cases where the foot would damage the test piece through an abrasive effect, e.g. materials with sticky surfaces, light coatings such as polyurethanes on rough surfaces.

The test may be carried out on products as delivered or after pre-treatments such as wetting or accelerated ageing.

**NOTE —** The results using method A and method B should not be compared as there is no correlation between the two methods.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were 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 editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 1302:1992 *Technical drawings — Method of indicating surface texture*.

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

ISO 2286-1:—<sup>1)</sup>, *Rubber- or plastics-coated fabrics — Determination of roll characteristics —Part 1: Methods for determination of the length, width and net mass of a roll*.

<sup>1)</sup> To be published. (Revision, in parts, of ISO 2286:1986)