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Second edition  
2021-08

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# Rubber- or plastics-coated fabrics — Determination of abrasion resistance —

## Part 2: Martindale abrader

*Supports textiles revêtus de caoutchouc ou de plastique —  
Détermination de la résistance à l'usure —*

*Partie 2: Appareil d'essai d'abrasion Martindale*



Reference number  
ISO 5470-2:2021(E)

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CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
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Published in Switzerland

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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.

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](http://www.iso.org/directives)).

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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](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 4, *Products (other than hoses)*, 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 second edition cancels and replaces the first edition (ISO 5470-2:2003), which has been technically revised. The main changes compared with the previous edition are as follows:

- the Normative references have been updated;
- the Terms and definitions have been added;
- in [5.2.1](#), the definition of wool abradant fabrics has been replaced by a reference to ISO 12947-1;
- [5.5](#) has been revised in accordance with ISO 12947-2;
- in [8.1.1](#), specimen clamping has been described more precisely;
- [8.1.2](#) has been revised;
- the period of use for abradant has been supplemented in [8.1.5](#);
- the Bibliography has been updated.

A list of all parts in the ISO 5470 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](http://www.iso.org/members.html).