



**International
Standard**

ISO 3036

**Board — Determination of puncture
resistance using a pendulum device**

*Carton — Détermination de la résistance à la perforation à l'aide
d'un pendule*

**Second edition
2025-03**

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Foreword

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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 document 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).

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This document was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*, Subcommittee SC 2, *Test methods and quality specifications for paper and board*.

This second edition cancels and replaces the first edition (ISO 3036:1975), which has been technically revised.

The main changes are as follows:

- clarification of the scope;
- update of the normative references;
- addition of [3.1](#) and [3.2](#);
- revision of [Clause 5](#);
- change of [Annex A](#) from normative to informative, and update of the content;
- addition of precision data in [Annex B](#);
- addition of a Bibliography.

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.

Introduction

There are two main methods to characterize puncture resistance:

- a) with a pendulum device, which is the method specified in this document;
- b) with a measuring device that measures at constant speed.

The two methods lead to different results that are not comparable, especially on heavy grades.

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