
Identification cards — Test methods —
Part 1:
General characteristics

Cartes d'identification — Méthodes d'essai —
Partie 1: Caractéristiques générales

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Contents

Page

1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Default items applicable to the test methods	3
4.1	Test environment	3
4.2	Pre-conditioning	3
4.3	Selection of test methods	3
4.4	Default tolerance	3
4.5	Total measurement uncertainty	4
5	Test methods	4
5.1	Card warpage	4
5.2	Dimensions of cards	4
5.3	Peel strength	6
5.4	Resistance to chemicals	9
5.5	Card dimensional stability and warpage with temperature and humidity	10
5.6	Adhesion or blocking	11
5.7	Bending stiffness	11
5.8	Dynamic bending stress	13
5.9	Dynamic torsional stress	16
5.10	Opacity	17
5.11	Ultraviolet light	20
5.12	X-rays	21
5.13	Static magnetic fields	21
5.14	Embossing relief height of characters	21
5.15	Resistance to heat	22
5.16	Surface distortions and raised areas	23

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

International Standard ISO/IEC 10373-1 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and personal identification*.

This second edition cancels and replaces the first edition (ISO/IEC 10373-1:1998), which has been technically revised. It also includes the Technical Corrigendum ISO/IEC 10373-1:1998/Cor.1:2002.

ISO/IEC 10373 consists of the following parts, under the general title *Identification cards — Test methods*:

- *Part 1: General characteristics*
- *Part 2: Cards with magnetic stripes*
- *Part 3: Integrated circuit(s) cards with contacts and related interface devices*
- *Part 5: Optical memory cards*
- *Part 6: Proximity cards*
- *Part 7: Vicinity cards*

Identification cards — Test methods —

Part 1: General characteristics

1 Scope

ISO 10373 defines test methods for characteristics of identification cards according to the definition given in ISO/IEC 7810. Each test method is cross-referenced to one or more base standards, which may be ISO/IEC 7810 or one or more of the supplementary standards that define the information storage technologies employed in identification cards applications.

This part of ISO/IEC 10373 defines test methods which are common to one or more card technologies. Other parts of ISO/IEC 10373 define technology-specific test methods.

NOTE 1 Criteria for acceptability do not form part of this part of ISO 10373, but will be found in the International Standards mentioned above.

NOTE 2 Test methods described in this part of ISO 10373 are intended to be performed separately. A given card is not required to pass through all the tests sequentially.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 105-E04:1994, *Textiles — Tests for colour fastness — Part E04: Colour fastness to perspiration*

ISO 1302:2002, *Geometrical Product Specifications (GPS) — Indication of surface texture in technical product documentation*

ISO 1817, *Rubber, vulcanized — Determination of the effect of liquids*

ISO 9227:1990, *Corrosion tests in artificial atmospheres — Salt spray tests*

ISO/IEC 10373-2, *Identification cards — Test methods — Part 2: Cards with magnetic stripes*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 test method

method for testing characteristics of identification cards for the purpose of confirming their compliance with International Standards