

Identifitseerimiskaardid. Füüsilised karakteristikud

Identification cards - Physical characteristics

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO/IEC 7810:2000 sisaldab Euroopa standardi EN ISO/IEC 7810:1996 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 18.08.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Standard on kättesaadav Eesti standardiorganisatsioonist.

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This standard is ratified with the order of Estonian Centre for Standardisation dated 18.08.2000 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

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EUROPEAN STANDARD

EN ISO/IEC 7810

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1996

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Descriptors: See ISO document

English version

**Identification cards - Physical characteristics
(ISO/IEC 7810:1995)**

Cartes d'identification - Caractéristiques
physiques (ISO/IEC 7810:1995)

Identifikationskarten - Physikalische
Eigenschaften (ISO/IEC 7810:1995)

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CEN

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

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

Foreword

The text of the International Standard from Technical Committee ISO/IEC/JTC 1 "Information technology" of the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) has been taken over as an European Standard by the Technical Board of CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 1997, and conflicting national standards shall be withdrawn at the latest by January 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of 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 and the United Kingdom.

Endorsement notice

The text of the International Standard ISO/IEC 7810:1995 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO/IEC 10373	1995	Identification cards - Test methods	EN ISO/IEC 10373	1996

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INTERNATIONAL
STANDARD

ISO/IEC
7810

Second edition
1995-08-15

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Identification cards — Physical characteristics

Cartes d'identification — Caractéristiques physiques



Reference number
ISO/IEC 7810:1995(E)

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

International Standard ISO/IEC 7810 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Identification cards and related devices*.

This second edition cancels and replaces the first edition (ISO 7810:1985), of which it constitutes a technical revision.

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Introduction

This International Standard is one of a series of standards describing the parameters for identification cards as defined in clause 4 and the use of such cards for international interchange.

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Identification cards — Physical characteristics

1 Scope

This International Standard specifies the physical characteristics of identification cards including card materials, construction, characteristics, and dimensions for three sizes of card.

ISO/IEC 10373 specifies the test procedures used to check cards against the parameters specified in this International Standard.

This International Standard specifies the requirements for cards used for identification. It takes into consideration both human and machine aspects and states minimum requirements.

It is the purpose of this series of standards to provide criteria to which cards shall perform, and methods of testing. No consideration is given within these standards to the amount of use, if any, experienced by the card prior to the test. Failure to conform to specified criteria should be negotiated between the involved parties.

NOTE — Numeric values in the SI and/or Imperial measurement system in this International Standard may have been rounded off and therefore are consistent with, but not exactly equal to, each other. Either system may be used, but the two should not be intermixed or reconverted. The original design was made using the Imperial measurement system.

2 Conformance

An identification card is in conformance with this International Standard if it meets all mandatory requirements specified herein.

3 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 7816-1:1987, *Identification cards — Integrated circuit(s) cards with contacts — Part 1: Physical characteristics*.

ISO/IEC 10373:1993, *Identification cards — Test methods*.

4 Definition

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

4.1 identification card: Card identifying its holder and issuer which may carry data required as input for the intended use of the card and for transactions based thereon.

5 Dimensions of card types

The nominal dimensions of the three sizes of card are shown in table 1.

Table 1 — Nominal dimensions

Card type	Width		Height		Thickness	
	mm	in	mm	in	mm	in
ID-1	85,60	3,370	53,98	2,125	0,76	0,030
ID-2	105,00	4,134	74,00	2,913	0,76	0,030
ID-3	125,00	4,921	88,00	3,465	0,76	0,030