

INTERNATIONAL STANDARD

**ISO
7813**

Second edition
1987-06-01



INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
ORGANISATION INTERNATIONALE DE NORMALISATION
МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

Identification cards — Financial transaction cards

Cartes d'identification — Cartes de transactions financières

Reference number
ISO 7813:1987 (E)



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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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 7813 was prepared by Technical Committee ISO/TC 97, *Information processing systems*.

This second edition cancels and replaces the first edition (ISO 7813 : 1985), clause 9 of which has been technically revised.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

Identification cards — Financial transaction cards

0 Introduction

This International Standard is one of a series of standards describing the parameters for identification cards as defined in clause 3 below and the use of such cards for international interchange.

1 Scope and field of application

This International Standard specifies directly or by reference the requirements for cards used in financial transactions. It takes into consideration both human and machine aspects and states minimum requirements for conformity. It contains physical characteristics, layout, recording techniques, numbering system, registration procedures, but not security requirements.

2 References

ISO 554, *Standard atmospheres for conditioning and/or testing — Specifications.*

ISO 3166, *Codes for the representation of names of countries.*

ISO 4217, *Codes for the representation of currencies and funds.*

ISO 4909, *Bank cards — Magnetic stripe data content for track 3.*

ISO 7810, *Identification cards — Physical characteristics.*

ISO 7811, *Identification cards — Recording technique —*

Part 1: Embossing.

Part 2: Magnetic stripe.

Part 3: Location of embossed characters on ID-1 cards.

Part 4: Location of read-only magnetic tracks — Tracks 1 and 2.

Part 5: Location of read-write magnetic track — Track 3.

ISO 7812, *Identification cards — Numbering system and registration procedure for issuer identifiers.*

3 Definitions

For the purpose of this International Standard, the definition of "identification card" given in ISO 7810 and the following definition apply.

financial transaction card: A card used to identify the card issuer and the card holder to facilitate the financial transaction and to provide input data for such a transaction.

4 Physical characteristics

4.1 The physical characteristics of financial transaction cards shall conform to ISO 7810.

4.2 Flammability: A method of test for this requirement is under study and will be included in this International Standard when agreement is reached on it.

5 Dimensions (see the figure)

5.1 Unembossed cards

The nominal dimensions shall conform to those specified for card type ID-1 in ISO 7810. The following dimensions and tolerances apply to cards under the standard test atmosphere of 20 °C (68 °F) and 65 % relative humidity (see ISO 554).

5.1.1 Card height and width

All points on the edges of the card in the finished state, except for the rounded corners, shall fall between two concentric, similarly aligned, rectangles which are dimensioned as follows:

- outer rectangle: width 85,72 mm (3.375 in)
height 54,03 mm (2.127 in)
- inner rectangle: width 85,47 mm (3.365 in)
height 53,92 mm (2.123 in)