

# INTERNATIONAL STANDARD

# ISO/IEC 9661

Second edition  
1994-12-15

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## **Information technology — Data interchange on 12,7 mm wide magnetic tape cartridges — 18 tracks, 1 491 data bytes per millimetre**

*Technologies de l'information — Échange de données sur cartouches de  
bande magnétique de 12,7 mm de large — 18 pistes, 1 491 caractères  
par millimètre*



Reference number  
ISO/IEC 9661:1994(E)

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## 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 national 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 9661 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 11, *Flexible magnetic media for digital data interchange*.

This second edition cancels and replaces the first edition (ISO 9661:1988).

Annexes C, E, F and G form an integral part of this International Standard. Annexes A, B, D and H are for information only.

# Information technology - Data interchange on 12,7 mm wide magnetic tape cartridges - 18 tracks, 1 491 data bytes per millimetre

## Section 1 - General

### 1 Scope

This International Standard specifies the physical and magnetic characteristics of a 12,7 mm wide, 18-track magnetic tape cartridge to enable interchangeability of such cartridges. It also specifies the quality of the recorded signals, the format and recording method thus allowing, together with ISO 1001 for magnetic tape labelling, full data interchange by means of such magnetic tape cartridges.

### 2 Conformance

A magnetic tape cartridge shall be in conformance with this International Standard if it meets all mandatory requirements specified herein. The tape requirements shall be satisfied throughout the extent of the tape.

### 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 listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO/IEC 646:1991, *Information technology — ISO 7-bit coded character set for information interchange*.

ISO 683-13:1986, *Heat-treatable steels, alloy steels and free-cutting steels — Part 13: Wrought stainless steels*.

ISO 1001:1986, *Information processing — File structure and labelling of magnetic tapes for information interchange*.

ISO 1302:1992, *Technical drawings — Method of indicating surface texture*.

ISO/IEC 2022:1994, *Information technology — Character code structure and extension techniques*.

ISO/IEC 4873:1991, *Information technology — ISO 8-bit code for information interchange — Structure and rules for implementation*.