

**Implementation of
EN ISO/IEC 7487-1:1995**

**Information
technology —
Data interchange
on 130 mm (5,25 in)
flexible disk cartridges
using modified
frequency modulation
recording
at 7958 ftprad,
1,9 tpm (48 tpi), on
both sides —
ISO type 202 —**

**Part 1: Dimensional, physical and
magnetic characteristics**

The European Standard EN ISO/IEC 7487-1:1995 has the status of a
British Standard

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee IST/4, Magnetic and optical media for digital data interchange, upon which the following bodies were represented:

- British Computer Society
- Institute of Quality Assurance
- Institution of Electrical Engineers
- Kodak Limited
- Coopted members

This British Standard, having been prepared under the direction of the Information Systems Technology Assembly, was published under the authority of the Standards Board and comes into effect on 15 August 1995

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The following BSI references relate to the work on this standard:
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Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
Foreword	iii
Text of ISO/IEC 7487-1	1

National foreword

This British Standard is the English language version of EN ISO/IEC 7487-1:1995 and implements it as the UK national standard. It supersedes BS 7024-1:1988, which is withdrawn.

This British Standard is published under the direction of the Information Systems Technology Assembly whose Technical Committee IST/14 has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international committee any enquiries on interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

NOTE International and European Standards, as well as overseas standards, are available from Customer Services, BSI, 389 Chiswick High Road, London W4 4AL.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO/IEC title page, page 2, the ISO/IEC title page, pages ii to iv, pages 1 to 17 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Data processing, information interchange, data recording, data recording devices, magnetic recording, magnetic disks, flexible disk cartridges, specifications, dimensions, physical properties, magnetic properties, track formats, interchangeability

English version

Information technology — Data interchange on 130 mm (5,25 in) flexible disk cartridges using modified frequency modulation recording at 7958 ftprad, 1,9 tpmm (48 tpi), on both sides — ISO type 202 —
Part 1: Dimensional, physical and magnetic characteristics

(ISO/IEC 7487-1:1993)

Technologies de l'information — Echange de données sur cartouches à disquettes de 130 mm (5,25 in) utilisant un enregistrement à modulation de fréquence modifiée (MFM) à 7958 ftprad, 1,9 tpmm (48 tpi) sur les deux faces — Type ISO 202 —
Partie 1: Caractéristiques dimensionnelles, physiques et magnétiques
(ISO/IEC 7487-1:1993)

Informationstechnik — Datenaustausch auf 130 mm (5,25 in) Disketten mit Modifizierter Wechseltaktschrift bei zweiseitiger Aufzeichnung mit 7958 Flußwechselrad und 1,9 Spuren/mm (48 tpi) —
ISO Typ 202 —
Teil 1: Maße, physikalische und magnetische Eigenschaften
(ISO/IEC 7487-1:1993)

This European Standard was approved by CEN on 1995-01-11. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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European Committee for Standardization
Comité Européen de Normalisation
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Foreword

This European Standard has been taken over from the Joint Technical Committee ISO/IEC JTC 1, Information Technology.

EN ISO/IEC 7487-1:1995 supersedes EN 27487-1:1989.

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 August 1995, and conflicting national standards shall be withdrawn at the latest by August 1995.

According to CEN/CENELEC Internal Regulations, 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, United Kingdom.

Information technology — Data interchange on 130 mm (5,25 in) flexible disk cartridges using modified frequency modulation recording at 7 958 ftprad, 1,9 tpmm (48 tpi), on both sides — ISO type 202 —

Part 1:

Dimensional, physical and magnetic characteristics

Technologies de l'information — Échange de données sur cartouches à disquettes de 130 mm (5,25 in) utilisant un enregistrement à modulation de fréquence modifiée (MFM) à 7 958 ftprad, 1,9 tpmm (48 tpi) sur les deux faces — Type ISO 202 —

Partie 1: Caractéristiques dimensionnelles, physiques et magnétiques



Reference number
ISO/IEC 7487-1:1993(E)

Contents

	Page
Foreword	iii
Introduction	1
1 Scope	1
2 Conformance	1
3 Normative references	1
4 Definitions	1
5 General description	2
6 General requirements	2
7 Dimensional characteristics	6
8 Physical characteristics	7
9 Magnetic characteristics	8
Annex A (normative) Measurement of the cartridge thickness	12
Annex B (normative) Measurement of light transmittance	13
Annex C (normative) Method for measuring the effective track width	16
Annex D (informative) Use of hub support rings	17
Annex E (informative) Bibliography	17
Figure 1 — Flexible disk cartridge	3
Figure 2 — Protective envelope with cartridge	4
Figure 3 — Jacket dimensions	5
Figure 4 — Cartridge thickness	10
Figure 5 — Disk dimensions	10
Figure 6 — Pressure pad area	11
Figure A.1 — Measuring gauge for maximum thickness	12
Figure A.2 — Measuring gauge for minimum thickness	13
Figure B.1 — Measuring device	15
Figure B.2 — Electronic circuitry	15
Figure C.1 — Track width	16

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 7487-1 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 7487-1:1985), of which it constitutes a technical revision.

ISO/IEC 7487 consists of the following parts, under the general title *Information technology — Data interchange on 130 mm (5,25 in) flexible disk cartridges using modified frequency modulation recording at 7 958 ftprad, 1,9 tpmm (48 tpi), on both sides — ISO type 202*:

- Part 1: *Dimensional, physical and magnetic characteristics*;
- Part 2: *Track format A*;
- Part 3: *Track format B*.

Annex A, Annex B and Annex C form an integral part of this part of ISO/IEC 7487. Annex D and Annex E are for information only.