
International Standard



8462 / 1

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

Information processing — Data interchange on 6,30 mm (0.25 in) magnetic tape cartridge using GCR recording at 394 ftpmm (10 000 ftpi), 39 cpmm (1 000 cpi) — Part 1 : Mechanical, physical and magnetic properties

First edition — 1986-02-15

UDC 681.327.64

Ref. No. ISO 8462/1-1986 (E)

Descriptors : data processing, information interchange, magnetic tapes, 6,3 mm magnetic tapes, cassettes for magnetic tapes, specifications, dimensions, tests, performance tests, storage, transportation.

Price based on 33 pages

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 8462/1 was prepared by Technical Committee ISO/TC 97, *Information processing systems*.

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.

Contents

	Page
1 Scope and field of application	1
2 Conformance	1
3 Reference	1
4 Definitions	1
4.1 magnetic tape	1
4.2 Reference Tape Cartridge	1
4.3 Secondary Reference Tape Cartridge	1
4.4 typical field	1
4.5 Reference Field	1
4.6 Test Recording Currents	1
4.7 Signal Amplitude Reference Tape Cartridge	2
4.8 Standard Reference Amplitude (SRA)	2
4.9 Average Signal Amplitude	2
4.10 in-contact	2
4.11 track	2
4.12 physical recording density	2
4.13 data density	2
4.14 position of flux transitions	2
4.15 Reference Alignment Tape Cartridge	2
4.16 recording area	2
4.17 erasing field	2
5 Environment and transportation	2
5.1 Testing environment	2
5.2 Operating environment	2
5.3 Storage environment	2