

Storage, transportation and maintenance of media for use in data processing and information storage —

Part 8: Recommendations for 4 mm and 8 mm helical scan tape cartridges

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Information Systems Technology Standards Policy Committee (IST/-) to Technical Committee IST/4, upon which the following bodies were represented:

- British Computer Society
- ICI Imagedata
- Institute of Quality Assurance
- Institution of Electrical Engineers
- International Computers Limited
- Kodak Limited

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Foreword

This Part of BS 4783 has been prepared under the direction of the Information Systems Technology Standards Policy Committee. It has been developed from advice and information provided by government computing departments, media suppliers and manufacturers, users and specialist media maintenance organizations. It is written as a guide to users for the purpose of managing their computer media.

The use of high-grade materials and modern production techniques, that include rigorous testing and inspection, ensures that 4 mm and 8 mm helical scan tape cartridges are manufactured to exacting standards. To continue to benefit from the care taken during manufacture, and to ensure optimum performance from a product during its life, the user should exercise care, and this British Standard gives appropriate advice.

Manufacturers' publications often cover some of the advice given herein and, where available, should be read in conjunction with this standard.

The following Parts of BS 4783 have already been published:

- *Part 1: Recommendations for disk packs, storage modules and disk cartridges;*
- *Part 2: Recommendations for magnetic tape on open spools;*
- *Part 3: Recommendations for flexible disk cartridges;*
- *Part 4: Recommendations for magnetic tape cartridges and cassettes;*
- *Part 5: Recommendations for 12.7 mm magnetic tape cartridges for data interchange, recording at 1491 data bytes per millimetre on 18 tracks;*
- *Part 6: Recommendations for optical disk cartridges (ODC);*
- *Part 7: Recommendations for optical data disks (CD-ROM).*

The following British Standards and International Standards are relevant to 4 mm and 8 mm helical scan tape cartridges.

BS 6266, *Code of practice for fire protection for electronic data processing installations.*

BS 7083, *Recommendations for the accommodation and operating environment of computer equipment.*

The following standards define the magnetic tape cartridges to which this standard applies.

BS ISO/IEC 10777, *Information technology — 3,81 mm wide magnetic tape cartridge for information interchange — Helical scan recording — DDS format.*

BS ISO/IEC 11319, *Information technology — 8 mm wide magnetic tape cartridge for information interchange — Helical scan recording.*

BS ISO/IEC 11321, *Information technology — 3,81 mm wide magnetic tape cartridge for information interchange — Helical scan recording — DATA/DAT format.*

BS ISO/IEC 11557, *Information technology — 3,81 mm wide magnetic tape cartridge for information interchange — Helical scan recording — DDS-DC format using 60 m and 90 m length tapes.*

BS ISO/IEC 12246, *Information technology — 8 mm wide magnetic tape cartridge dual azimuth format for information interchange — Helical scan recording.*

BS ISO/IEC 12247, *Information technology — 3,81 mm wide magnetic tape cartridge for information interchange — Helical scan recording — DDS format using 60 m and 90 m length tapes.*

BS ISO/IEC 12248, *Information technology — 3,81 mm wide magnetic tape cartridge for information interchange — Helical scan recording — DATA/DAT-DC format using 60 m and 90 m length tapes.*

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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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.