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British Standard

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

Part 1. Recommendations for disk packs, storage modules and disk cartridges

Stockage, transport et maintenance des supports magnétiques utilisés pour le traitement
et le stockage des informations

Partie 1. Recommandations pour piles de disques, modules de mémoire et cartouches de disque

Speicherung, Transport und Wartung von magnetischen Datenträgern in der Datenverarbeitung
und Informationsspeicherung

Teil 1. Empfehlungen für plattenstapel, Speichermodule und Plattenkassetten

Foreword

This Part of BS 4783 has been prepared under the direction of the Information Systems Technology Standards Committee. It has been developed from advice and information provided by Government computing departments, magnetic media suppliers and manufacturers, users and specialist disk maintenance organizations.

The use of high-grade materials and modern production techniques, that include rigorous testing and inspection, ensures that disk packs 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 also exercise care, and this British Standard gives appropriate advice.

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

BS 4783 is being published in four Parts as follows.

- 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 2 will form a revision of BS 4783 : 1972. When Part 2 is published, BS 4783 : 1972 will be withdrawn.

The following British and international standards are relevant to disk packs and disk cartridges.

- BS 4850 Specification for magnetic six-disk packs for data processing
 - Part 1. Mechanical and magnetic properties
 - Part 2. Track format
 (Technically equivalent to ISO 3561)

- BS 5356 Specification for magnetic single disk cartridges (top loading) for data processing
 - Part 1. Mechanical and magnetic properties (Identical with ISO 3562-1976)
 - Part 2. Track format (Identical with ISO 3563-1976)

- BS 5359 Specification for magnetic eleven-disk packs for data processing. Mechanical and magnetic properties (Identical with ISO 3564-1976)

- BS 5595 Interchangeable magnetic twelve-disk pack for information processing
 - Part 1. Specification for 100 Mbytes magnetic twelve-disk pack (Identical with ISO 4337-1977)
 - Part 2. Specification for 200 Mbytes magnetic twelve-disk pack (Identical with ISO 5653-1980)

- BS 6266 Code of practice for fire protection for electronic data processing installations

- ISO 2382 Data processing — Vocabulary
 - Section 12 Data media, storage and related equipment

A British Standard giving recommendations for the accommodation and environment of computer installations is in preparation.

Compliance with a British Standard does not of itself confer immunity from legal obligations.