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British Standard

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

Part 2. Recommendations for magnetic tape on open spools

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

Partie 2. Recommandations pour bandes magnétiques sur mandrins ouverts

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

Teil 2. Empfehlungen für Magnetbänder auf offenen Spulen

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 tape maintenance organizations. It supersedes BS 4783 : 1972 'Recommendations for the care and transportation of magnetic tape', which is withdrawn.

The use of high-grade materials and modern production techniques, that include rigorous testing and inspection, ensures that magnetic tapes 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 and, where available, should be read in conjunction with this standard.

BS 4783 is being issued 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

The following British and international standards are relevant to magnetic tape on open spools.

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

- ISO 1861 Information processing — 7 Track, 12.7 mm (0.5 in) wide magnetic tape for information interchange recorded at 8 rpmm (200 RPI)
- ISO 1862 Information processing — 9 Track, 12.7 mm (0.5 in) wide magnetic tape for information interchange recorded at 8 rpmm (200 RPI)
- ISO 1863 Information processing — 9 Track, 12.7 mm (0.5 in) wide magnetic tape for information interchange recorded at 32 rpmm (800 RPI)
- ISO 1864 Information processing — Unrecorded 12.7 mm (0.5 in) wide magnetic tape for information interchange — 32 ftpmm (800 ftpi) NRZI, 126 ftpmm (3200 ftpi) phase encoded and 356 ftpmm (9042 ftpi), NRZI
- ISO 2382 Data processing — Vocabulary Section 12 Data media, storage and related equipment
- ISO 3788 Information processing — 9 Track, 12.7 mm (0.5 in) wide magnetic tape for information interchange recorded at 63 rpmm (1600 RPI), phase encoded
- ISO 5652 Information processing — 9 Track, 12.7 mm (0.5 in) wide magnetic tape for information interchange — Format and recording, using group coding at 246 cpmm (6250 cpi)

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.