ISO/IEC 8484:2014-08 (E)

Information technology - Magnetic stripes on savingsbooks

Contents

Page

Foreword iv

1 Scope 1

2 Conformance 1

3 Normative references 1

4 Termsanddefinitions 2

5 Physical characteristics of the savingsbook cover 3
5.1 Magnetic stripe area warpage 4
5.2 Surface distortions 4
5.3 Stiffness 4
5.4 Materials 5

6 Physical characteristics of the magnetic stripe 5
6.1 Location 5
6.2 Surface profile of the magnetic stripe area 6
6.3 Height of the magnetic stripe area 6
6.4 Surface roughness 6
6.5 Adhesion of stripe to savingsbook 6
6.6 Resistance to environment 6

7 Performance characteristics for the magnetic material 6
7.1 General 6
7.2 Testing and operating environment 7
7.3 Signal amplitude requirements for magnetic media 7

8 Encoding technique 8

9 Encodingspecification 9
9.1 Angle of recording 9
9.2 Nominal bit density 10
9.3 Signal amplitude requirements for track 10
9.4 Bit configuration 10
9.5 Direction of recording 10
9.6 Leading and trailing zeroes 10
9.7 Average bit density 11
9.8 Flux transition spacing variation 11
9.9 Coded character set 12
9.10 Maximum number of characters 12
9.11 Re-recording 12

10 Error detection 13
10.1 Parity 13
10.2 Longitudinal redundancy check (LRC) 13

11 Location of encoded track 13

Annex A (normative) Optional high coercivity magnetic stripe 15

Bibliography **16**