

# ISO/IEC 8484:2014-08 (E)

## Information technology - Magnetic stripes on savingsbooks

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Conformance .....</b>	<b>1</b>
<b>3</b>	<b>Normative references .....</b>	<b>1</b>
<b>4</b>	<b>Terms and definitions .....</b>	<b>2</b>
<b>5</b>	<b>Physical characteristics of the savingsbook cover .....</b>	<b>3</b>
5.1	Magnetic stripe area warpage .....	4
5.2	Surface distortions .....	4
5.3	Stiffness .....	4
5.4	Materials .....	5
<b>6</b>	<b>Physical characteristics of the magnetic stripe .....</b>	<b>5</b>
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
<b>7</b>	<b>Performance characteristics for the magnetic material .....</b>	<b>6</b>
7.1	General .....	6
7.2	Testing and operating environment .....	7
7.3	Signal amplitude requirements for magnetic media .....	7
<b>8</b>	<b>Encoding technique .....</b>	<b>8</b>
<b>9</b>	<b>Encodingspecification .....</b>	<b>9</b>
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
<b>10</b>	<b>Error detection .....</b>	<b>13</b>
10.1	Parity .....	13
10.2	Longitudinal redundancy check (LRC) .....	13
<b>11</b>	<b>Location of encoded track .....</b>	<b>13</b>
<b>Annex A (normative)</b>	<b>Optional high coercivity magnetic stripe .....</b>	<b>15</b>

**Bibliography ..... 16**