

# ISO 17717:2017-08 (E)

## Meteorological balloons - Specification

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Requirements .....</b>	<b>2</b>
4.1	Colour .....	2
4.2	Appearance .....	2
4.3	Size, mass and dimensions .....	2
4.4	Tensile Property .....	4
4.4.1	General .....	4
4.4.2	Tensile strength and elongation at break before accelerated ageing .....	4
4.4.3	Tensile strength and elongation at break after accelerated ageing .....	4
4.5	Bursting diameters .....	4
4.6	Ozone resistance .....	5
<b>5</b>	<b>Sampling .....</b>	<b>5</b>
<b>6</b>	<b>Packaging, marking, transport and storage .....</b>	<b>5</b>
6.1	Packaging .....	5
6.2	Marking .....	6
6.2.1	Paper box .....	6
6.2.2	Container .....	6
6.2.3	Certification of proof .....	6
6.3	Transport and storage .....	7
<b>Annex A (normative) Visual inspection of meteorological balloons .....</b>		<b>8</b>
<b>Annex B (normative) Inflatable inspection of meteorological balloons .....</b>		<b>10</b>
<b>Annex C (normative) Mass measurement .....</b>		<b>13</b>
<b>Annex D (normative) Dimension measurement .....</b>		<b>14</b>
<b>Annex E (normative) Burst test of meteorological balloons .....</b>		<b>17</b>
<b>Annex F (normative) Test method of ozone ageing of meteorological balloons .....</b>		<b>19</b>
<b>Bibliography .....</b>		<b>21</b>