

ISO 17717:2024-04 (E)

Meteorological balloons - Specification

Contents		Page
Foreword.....		iv
1 Scope.....		1
2 Normative references.....		1
3 Terms and definitions.....		1
4 Requirements.....		2
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
5 Sampling.....		5
6 Packing, marking, transport and storage.....		6
6.1 Packing.....		6
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
Annex A (normative) Visual inspection of meteorological balloons.....		8
Annex B (normative) Inflatable inspection of meteorological balloons.....		10
Annex C (normative) Mass measurement.....		13
Annex D (normative) Dimension measurement.....		14
Annex E (normative) Burst test of meteorological balloons.....		17
Annex F (normative) Test method of ozone ageing of meteorological balloons.....		19
Bibliography.....		21