

MAURITIAN
STANDARD

MS ISO
23560:2008

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**Woven polypropylene sacks for
bulk packaging of foodstuffs**

PREVIEW

ICS: 55.080; 83.140.99



**Mauritius Standards Bureau
Moka**

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National Foreword

This Mauritian Standard is an identical adoption of the International Standard **ISO 23560: 2008(E)**, *Woven polypropylene sacks for bulk packaging of foodstuffs*. It was adopted by the Mauritius Standards Bureau in 2009 on the recommendation of the **Textiles, Paper & Footwear Standards Committee** through its Subcommittee on Plastic Bags and approved by the Standards Council on **09 September 2009**. It was notified in the Government Gazette on **10 October 2009***.

For the purposes of this Mauritian Standard the following changes should be made:

- i) to replace the word 'International' by 'Mauritian Standard'
- ii) to add '*virgin*' after '*suitable*' in line 1 of Clause 4.1
- iii) to delete the word '*loose*' from line 1 of Clause 6
- iv) to add '*All components which constitute*' before '*the sacks*' in line 1 of Clause 8
- v) to replace '*packed to form a circular bale*' by '*baled*' in line 1 of Clause 9.2
- vi) Clause 7.3, '*ISO 4892-3: 2006, Table 4, method A, cycle No1*' refers to the following table on Exposure cycles.

Method A: Artificial weathering					
Cycle No.	Exposure period	Lamp type	Irradiance	Black-standard Temperature	Relative humidity (%)
1	8 h dry 4 h condensation	Type 1A (UVA-340)	0,76 Wm ⁻² nm ⁻¹ at 340 nm Light off	60 °C ± 3 °C 50 °C ± 3 °C	Not controlled

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*Mauritius Standards Bureau
Villa Road
Moka
Mauritius*

Telephone + (230) 433 3648
Fax + (230) 433 5051/ 433 5150
E-mail msb@intnet.mu

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 23560 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 11, *Products*.

PREVIEW

Introduction

With the removal of trade barriers between nations, there is a need for an International Standard for the packaging, transportation and storage of foodstuffs such as cereals. Polypropylene (PP) sacks made from woven fabric are an ideal choice for the packaging of foodstuffs. Such sacks are produced from food-grade polypropylene and ensure the mechanical strength needed for storage and transportation.

This International Standard describes the construction of the sacks, their dimensions and test methods suitable for ensuring the long-term storage and transportation of foodstuffs in the sacks.

PREVIEW

Woven polypropylene sacks for bulk packaging of foodstuffs

1 Scope

This International Standard specifies the general characteristics, requirements and methods of test for woven polypropylene (PP) sacks. It is applicable to woven PP sacks, having a capacity of 50 kg or 25 kg, intended for the transport and storage of foodstuffs, such as cereals, sugar and pulses.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 291, *Plastics — Standard atmospheres for conditioning and testing*

ISO 4892-3:2006, *Plastics — Methods of exposure to laboratory light sources — Part 3: Fluorescent UV lamps*

ISO 4915, *Textiles — Stitch types — Classification and terminology*

ISO 6591-2, *Packaging — Sacks — Description and method of measurement — Part 2: Empty sacks made from thermoplastic flexible film*

ISO 13934-1, *Textiles — Tensile properties of fabrics — Part 1: Determination of maximum force and elongation at maximum force using the strip method*

ISO 13935-1, *Textiles — Seam tensile properties of fabrics and made-up textile articles — Part 1: Determination of maximum force to seam rupture using the strip method*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

woven PP sack

container made of woven polypropylene (PP) fabric, closed at one end, in certain cases combined with other flexible materials used, for instance, for the liner to provide the properties required for filling, storage and distribution of the packaged commodity

4 Manufacture

4.1 Raw materials

A suitable grade of PP conforming to food contact requirements shall be utilized in the manufacture of the PP tape/fabric used in the sacks.