

MAURITIAN
STANDARD

MS ISO
3633:2002

First edition
2005-02-09

**Plastics piping systems for soil and waste
discharge (low and high temperature)
inside the buildings - Unplasticized poly
(vinyl chloride) (PVC-U)**

ICS 83.140.30; 91.140.80



Mauritius Standards Bureau
Moka

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National foreword

This Mauritian Standard is identical with the International Standard **ISO 3633:2002(E)**, *Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings – Unplasticized poly(vinyl chloride) (PVC-U)*. It was adopted by the Mauritius Standards Bureau in 2004 on the recommendation of the **Building and Construction Standards Committee (BCSC)** through its Subcommittee on Plastic Pipes and Fittings and approved by the **Standards Council** on 14 December 2004. It was notified in the Government Gazette on **29 January 2005** *.

MS ISO 3633 replaces and cancels MS 6:1981 which has been technically revised. It covers the requirements for (PVC-U) pipes and fittings for soil and waste discharge inside buildings, whereas **MS ISO 4435**, *Plastics piping systems for non-pressure underground drainage and sewerage- Unplasticized poly(vinyl chloride) (PVC-U)* applies for (PVC-U) pipes and fittings for underground drainage and sewerage.

The following additional information has been added to Clause 12.2, Table 23 - Minimum required marking of pipes

Intended use | **Not** for potable water

For the purposes of this standard, the following changes should be made:

- i) the words 'International Standard' should be replaced by 'Mauritian Standard'.
- ii) the 'decimal comma' should be replaced by the 'decimal point'.

* **General Notice No 120 of 2005**



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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
Website <http://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 3.

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 International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 3633 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 1, *Plastics pipes and fittings for soil, waste and drainage (including land drainage)*.

This second edition cancels and replaces the first edition (ISO 3633:1991), which has been technically revised.

Introduction

Pipes and fittings conforming to this International Standard also meet the requirements of EN 1329-1 which are applicable to those pipes and fittings which, according to EN 1329-1, are intended to be used inside buildings (application area code “B”, see EN 1329-1) only.

PREVIEW

PREVIEW

Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings — Unplasticized poly(vinyl chloride) (PVC-U)

1 Scope

This International Standard specifies the requirements for unplasticized poly(vinyl chloride) (PVC-U) pipes and fittings for soil and waste discharge (low and high temperature) inside buildings, as well as the system itself. It does not include buried pipework.

It also specifies the test parameters for the test methods referred to in this International Standard.

This International Standard is applicable to PVC-U pipes and fittings, as well as assemblies of such pipes and fittings, intended to be used for the following purposes:

- a) soil and waste discharge pipework for the conveyance of domestic waste waters (low and high temperature);
- b) ventilation pipework associated with a);
- c) rainwater pipework inside the building.

This International Standard does not cover requirements for the K -value of the raw material.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 265-1, *Pipes and fittings of plastics materials — Fittings for domestic and industrial waste pipes — Basic dimensions: Metric series — Part 1: Unplasticized poly(vinyl chloride) (PVC-U)*

ISO 3126:—¹⁾, *Plastics piping systems — Plastics piping components — Measurement and determination of dimensions*

EN 580, *Plastics piping systems — Unplasticized poly(vinyl chloride) (PVC-U) pipes — Test method for the resistance to dichloromethane at a specified temperature (DCMT)*

EN 681-1, *Elastomeric seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 1: Vulcanized rubber*

1) To be published. (Revision of ISO 3126:1974)