

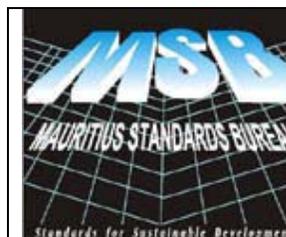
MAURITIAN
STANDARD

MS ISO
14236:2000

First edition
2004-06-12

**Plastics pipes and fittings –
Mechanical-joint compression
fittings for use with polyethylene
pressure pipes in water supply
systems**

ICS 83.140.30; 91.140.60



**MAURITIUS STANDARDS BUREAU
MOKA**

National foreword

This Mauritian Standard is identical with the International Standard **ISO 14236:2000(E)**, *Plastics pipes and fittings – Mechanical-joint compression fittings for use with polyethylene pressure pipes in water supply systems*. It was adopted by the Mauritius Standards Bureau in 2003 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 18 December 2003. It was notified in the Government Gazette on 12 June 2004*.

For the purposes of this standard the following change should be made:

- i) The words 'International Standard' should be replaced by 'Mauritian Standard' (excluding the Foreword from ISO).
- ii) The 'decimal comma' should be replaced by the 'decimal point'

The following Mauritian Standard is identical to the International Standard, which is referenced in the adopted standard:

International Standard	Corresponding Mauritian Standard
ISO 4427	MS ISO 4427 <i>Polyethylene (PE) pipes for water supply – Specifications.</i>

*General Notice No 955 of 2004



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PREVIEW

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.

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.

International Standard ISO 14236 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 2, *Plastics pipes and fittings for water supplies*.

Annex A of this International Standard is given for information only.

PREVIEW

Plastics pipes and fittings — Mechanical-joint compression fittings for use with polyethylene pressure pipes in water supply systems

1 Scope

This International Standard specifies the required properties and test methods for mechanical fittings intended to join polyethylene pressure pipes of nominal outside diameters not greater than 160 mm, used in water supply systems conveying potable water and water for general purposes at temperatures up to and including 40 °C. The nominal pressure of the specified mechanical fittings corresponds at least to the PN of the water supply system for which they are designed and is usually of PN 6, PN 10 or PN 16.

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 7-1:1994, *Pipe threads where pressure-tight joints are made on the threads — Part 1: Dimensions, tolerances and designation.*

ISO 161-1:1996, *Thermoplastics pipes for the conveyance of fluids — Nominal outside diameter and nominal pressure — Part 1: Metric series.*

ISO 197-1:1983, *Copper and copper alloys — Terms and definitions — Part 1: Materials.*

ISO 197-4:1983, *Copper and copper alloys — Terms and definitions — Part 4: Castings.*

ISO 228-1:1994, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation.*

ISO 426-1:1983, *Wrought copper-zinc alloys — Chemical composition and forms of wrought products — Part 1: Non-lead and special copper-zinc alloys.*

ISO 426-2:1983, *Wrought copper-zinc alloys — Chemical composition and forms of wrought products — Part 2: Lead copper-zinc alloys.*

ISO 427:1983, *Wrought copper-tin alloys — Chemical composition and forms of wrought products.*

ISO 1083:1987, *Spheroidal graphite cast iron — Classification.*

ISO 1167:1996, *Thermoplastics pipes for the conveyance of fluids — Resistance to internal pressure — Test method.*

ISO 3459:1976, *Polyethylene (PE) pressure pipes — Joints assembled with mechanical fittings — Internal under-pressure test method and requirement.*