

**Plastic and Polyethylene Pipes and Fittings (Mauritius Standard Specifications)  
Regulations 2007**

**GN No. 54 of 2007**

**THE CONSUMER PROTECTION ACT**

**Regulations made by the Minister under section 4 of the Consumer Protection Act**

1. These regulations may be cited as the **Plastic and Polyethylene Pipes and Fittings (Mauritius Standard Specifications) Regulations 2007**.

2. In these regulations -

"distributor" means any person engaged in the distribution, importation, sale or storage of plastic and polyethylene pipes and fittings;

"manufacturer" means any person engaged in the manufacture, sale or storage of plastic and polyethylene pipes and fittings;

"plastic" means a material which contains as an essential ingredient, a high polymer and which at some stage in its processing into finished products can be shaped by flow;

"polyethylene" means a plastic based on polymers of ethylene;

"polymer" means a substance composed of molecules characterized by the multiple repetition of one or more species of atoms linked to each other in amounts sufficient to provide a set of properties;

"MS" means the Mauritian Standard;

"ISO" means the International Organizations for Standardization.

3. No person shall import, sell or manufacture plastic and polyethylene pipes and fittings, which do not conform to the appropriate standard specified in the Schedule to these regulations.

4. Every manufacturer and distributor shall -
- (a) inspect and test, at regular intervals, plastic and polyethylene pipes and fittings sold or stored by him;
  - (b) keep a record of the results of tests conducted under paragraph (a) for a period of 2 years following the disposal of the pipes and fittings by him;
  - (c) produce the record referred to at subparagraph (b) above, on demand to any authorised officer.
5. Every manufacturer and distributor shall on demand by an authorized officer, provide to a purchaser of any plastic and polyethylene pipes and fittings, a certificate showing the result of any test carried out on any sample of plastic and polyethylene pipes and fittings of the type the purchaser has purchased.
6. No manufacturer or distributor shall, without lawful authority or reasonable excuse, have in his possession plastic and polyethylene pipes and fittings which do not conform to the appropriate standards specified in the Schedule to these regulations.
7. These regulations shall come into operation on 18 June 2007.

Made by the Minister on 5 April 2007.

### **SCHEDULE**

(regulation 3)

Description of goods	Applicable Standards
1. Pipes and fittings made of unplasticized poly (vinyl chloride) PVC-U for water supply - Specifications -  Part 2: Pipes (with or without integral sockets)	MS ISO 4422-2:1996

The pipes are intended for conveyance of cold water under pressure at temperatures up to approximately 20°C, for general purposes and for the supply of drinking water.

2. Pipes and fittings made of unplasticized poly (vinyl chloride) PVC-U for water supply - Specifications - MS ISO 4422-3:1996

Part 3: Fittings and Joints

This standard specifies the characteristics and properties of fittings (injection-moulded and post formed) and joints made of unplasticized poly (vinyl chloride) (PVC-U), to be used for buried water mains and services and for water supplies above ground, both inside and outside buildings.

3. Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings - Unplasticized poly (vinyl chloride) PVC-U MS ISO 3633:2002

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

4. Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly (vinyl chloride) PVC-U MS ISO 4435:2003

This standard specifies the requirements for unplasticized, poly (vinyl chloride) PVC-U pipes and fittings and piping systems intended for use for non-pressure underground drainage and sewerage for conveyance of soil and waste discharge of domestic and industrial origin, as well as surface water.

5. Polyethylene (PE) pipes for water supply

MS ISO 4427:2003

This standard specifies the required properties of pipes made from polyethylene (PE) to be used for buried water mains and services for water supply above both inside and outside buildings.

6. Plastics pipes and fittings-Mechanical - Joint compression fittings for use with polyethylene pressure pipes in water supply systems.

MS ISO 14236:2000

This standard specifies the required properties and test methods for mechanical fittings intended to join polyethylene pressure pipes of nominal diameters not greater than 160mm, used in water supply systems conveying potable water and water for general purposes at temperatures up to and including 40°C.