

(PREVIEW)

IS 4985 : 2000

Indian Standard

UNPLASTICIZED PVC PIPES FOR POTABLE WATER SUPPLIES — SPECIFICATION

(Third Revision)

1 SCOPE

1.1 This standard covers requirements for plain as well as socket-ended pipes, including those for use with elastomeric sealing rings, for potable water supplies.

1.2 This standard does not cover unplasticized PVC pipes for use in suction and delivery lines of agricultural pumps, which have been covered in IS 12231.

1.3 The pipes covered in this standard are not suitable for use as casing pipes in tube wells. Such pipes are being covered in IS 12818.

NOTE — A separate specification is Under preparation detailing the use of unplasticized PVC pipes for sewerage application. However, UPVC pipes of nominal outside diameter 90 mm and above and of class 3 (0.6 MPa) and above may be used for sewerage application till such a time the separate specification for sewerage application is published

2 NORMATIVE REFERENCES

The Indian Standards listed in Annex A contain provisions which, through reference in this text, constitute provision of this standard. At the time of publication the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated in Annex A.

ANNEX A

(Clause 2)

LIST OF REFERRED INDIAN STANDARDS

<i>IS No.</i>	<i>Title</i>
4669 : 1968	Methods of test for poly vinyl chloride resins
4905 : 1968	Methods for random sampling

<i>IS No.</i>	<i>Title</i>
5382 : 1985	Rubber sealing rings for gas mains, water mains and sewers (<i>first revision</i>)
6307 : 1985	Specification for rigid PVC sheets (<i>first revision</i>)
10148 : 1982	Specification for rigid PVC sheets (<i>first revision</i>)
10151 : 1982	Specification for poly vinyl chloride (PVC) and its copolymers for its safe use in contact with foodstuffs, pharmaceuticals and drinking water
12231 : 1987	Specification for UPVC (rigid) pipes for use in suction and delivery lines of agricultural pumps
12235	Methods of test for unplasticized PVC pipes for potable water supplies
Part 1 : 1986	Measurement of outside diameter
Part 2 : 1986	Measurement of wall thickness
Part 3 : 1986	Test of opacity
Part 4 : 1986	Determining the detrimental effect on the composition of water
Part 5 : 1986	Reversion test
Part 8 : 1986	Internal hydrostatic pressure test
Part 10 : 1986	Method for determination of organotin as tin aqueous solution
Part 11 : 1986	Extractability of cadmium and mercury occurring as impurities
12818 : 1992	Unplasticized PVC screen and casing pipes for bore/tube well— Specification (<i>first revision</i>)
13360 (Part 3) / Sec 1) : 1995	Part 3 — Methods of testing: Part 3 Physical and dimensional properties, sec 1 Determination and relative density of non-cellular plastics