

(PREVIEW)

*Indian Standard*

**UNPLASTICIZED NON-PRESSURE POLYVINYL  
CHLORIDE ( PVC-U ) PIPES FOR USE IN  
UNDERGROUND DRAINAGE AND SEWERAGE  
SYSTEMS – SPECIFICATION**

**1 SCOPE**

This standard specifies the requirements of plain ended or equipped with integral sockets for either solvent-cement welding or for jointing with elastomeric sealing rings pipes made of unplasticized polyvinyl chloride ( PVC-U ) of nominal outside diameters ranging from 110mm up to and including 630 mm, intended for underground (buried) nonpressure gravity drain and sewer applications for transportation of soil and waste discharge of domestic origin, surface water ( storm water ) and industrial effluent. In the case of industrial effluent, chemical and temperature resistance and resistance to suspended matter have to be taken into account.

**2 REFERENCES**

The following standards contain provisions which, through reference in this text, constitute provisions 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 below:

<i>IS No.</i>	<i>Title</i>
4905: 1968	Methods for random sampling
4985:2000	Unplasticized PVC pipes for potable water supplies - Specification ( <i>third revision</i> )
5382: 1985	Specification for rubber sealing rings for gas mains, water mains and sewers ( <i>first revision</i> )
12235	Methods of test for unplasticized PVC pipes for potable water supplies:
( Part 1 ) : 1986	Method of measurement of outside diameter
( Part 5 ) : .1986	Reversion test
( Part 8 ) : 1986	Intenal hydrostatic pressure test
14182: 1994	Solvent cement for use with unplasticized polyvinyl chloride pipe and fittings - Specification