

Indian Standard

GLASS FIBRE REINFORCED PLASTICS (GRP) PIPES, JOINTS AND FITTINGS FOR USE FOR POTABLE WATER SUPPLY- SPECIFICATION

(*First Revision*)

1 SCOPE

1.1 This specification covers requirements for materials, dimensions, classification, testing and type of joints of machine-made pipes with glass fibre reinforced thermosetting resin with or without aggregate filler having nominal diameter from 200 mm to 3 000 mm for use at pressure up to 1 500 kPa for conveyance of potable water.

1.2 Provisions relating to fittings fabricated from GRP pipes or by moulding process have also been covered.

2 REFERENCES

2.1 The following Indian Standards are necessary adjuncts to this standard:

<i>IS No.</i>	<i>Title</i>
5382: 1985	Rubber sealing rings for gas mains, water mains and sewers (<i>first revision</i>)
6746: 1994	Unsaturated polyester resin systems for low pressure fibre reinforced plastic.
9845 : 1986	Method of analysis for the determination of and/or overall migration of constituents of plastic materials and articles intended to come into contact with foodstuffs
11273 : 1992	Woven roving fabrics of 'E' glass fibre
11320 : 1985	Glass fibre rovings for the reinforcement of polyester and epoxide resin systems (<i>first revision</i>)
11551 : 1986	Glass fibre chopped strand mat for the reinforcement of polyester resin system