

(PREVIEW)

*Indian Standard***GLASS FIBRE REINFORCED PLASTICS (GRP) PIPES,
JOINTS AND FITTINGS FOR USE FOR SEWERAGE,
INDUSTRIAL WASTE AND WATER (OTHER THAN
POTABLE) — SPECIFICATION****1 SCOPE**

1.1 This specification covers requirements for materials, dimensions, classification, testing and sampling 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 sewage, industrial waste and water (other than potable) such as river water, well water, sea water and storm water.

1.2 Joints and fittings covered in this standard are for guidance only.

1.3 GRP pipes for conveyance of potable water are covered in IS 12709 : 1994.

2 REFERENCES

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

IS No.	Title
5382 : 1985	Rubber sealing rings for gas mains, watermains and sewers (<i>first revision</i>)
6746 : 1993	Unsaturated polyester resin systems for low pressure fibre reinforced plastic
11273 : 1992	Woven roving fabrics of 'E' class fibre (<i>first revision</i>)
11320 : 1985	Glass fibre rovings for the reinforcement of polyester and epoxide resin systems
11551 : 1986	Glass fibre chopped strand mat for the reinforcement of polyester resin system
12709 : 1994	Glass fibre reinforced plastics (GRP) pipes, joints and fittings for use for potable water supply — Specification