

## Indian Standard

### JUTE GEO-TEXTILES

#### PART 1 STRENGTHENING OF SUB-GRADE IN ROADS — SPECIFICATION

( *First Revision* )

#### 1 SCOPE

This standard (Part 1) lays down requirements of woven and non-woven jute geo-textile (JGT) for strengthening of sub-grades in laying of roads.

NOTE — Selection of jute geo-textile (Woven) shall be decided principally on grain size distribution of soil, soil permeability (that is, soil flow capacity under a given hydraulic gradient and flow area), class of volume of traffic and the allowable rut-depth.

#### 2 REFERENCES

The standards listed below 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 listed below:

<i>IS No.</i>	<i>Title</i>
14324 : 1995	Geo-textiles — Methods of test for determination of water permeability — Permittivity
14706 : 1999	Geo-textiles — Sampling and preparation of test specimens
14716 : 1999/ ISO 9864 : 1990	Geo-textiles — Determination of mass per unit area
IS 16078 : 2013/ ISO 12236 : 2006	Geosynthetics — Static puncture test (CBR test)
1954 : 1990	Determination of length and width of woven fabrics — Methods ( <i>second revision</i> )
1963 : 1981	Method for determination of threads per unit length in woven fabrics ( <i>second revision</i> )
1966 : 1975	Method for determination of bursting strength and bursting distention of fabrics — Diaphragm method ( <i>first revision</i> )
13162 (Part 3) : 1992	Geo-textiles — Methods of test: Determination of thickness at specified pressures
(Part 5) : 1992	Determination of tensile properties using a wide width strip
14293 : 1995	Geo-textiles — Method of test for trapezoid tearing strength
14294 : 1995	Geo-textiles — Method for determination of apparent opening size by dry sieving technique