

(PREVIEW)  
***Indian Standard***

**UNIDIRECTIONAL NON-WOVEN SEMI-CURED  
 GLASS FIBRE TAPE — SPECIFICATION**

**1 SCOPE**

This standard covers the requirements for unidirectional non-woven glass fabric tape consisting of parallel twisted glass yarns, The glass yarns used shall be continuous glass fibres (usually known as E glass, containing not more than one percent of alkali calculated as sodium oxide and shall be impregnated with catalyzed thermosetting synthetic resins like acrylic/ polyester, etc, meeting desired thermal class for specific application and semi-cured to a suitable stage to ensure desired flow characteristics during applications like bandaging of armature of electrical machines, transformers coils, etc, to retain windings/ assemblies in position.

**REFERENCES**

The following Indian Standards are necessary adjuncts to this standard:

<i>IS No.</i>	<i>Title</i>
196 : 1966	Atmospheric conditions for testing ( revised)
1271 : 1985	Thermal evaluation and classification of electrical insulation ( <i>first revision</i> )
1570 (Part 2/Sec 1) : 1979	Schedules for wrought steels: Part 2 Carbon steels ( unalloyed steels ), Section 1 Wrought products ( other than wire) with specified chemical composition and related properties ( <i>first revision</i> )
1954 : 1990	Determination of length and width of fabrics — Methods ( <i>second revision</i> )
1998 : 1962	Methods of test for thermosetting synthetic resin bonded laminated sheets
5352 (Part 2) : 1999	Textiles— Glass and glass-polyester fibre woven tapes: Part 2 Methods of test ( <i>third revision</i> )