

**Technical Specification of**  
**Solid Press Board Sheet (Type 'D')**

Solid Press Board Sheet Type 'D' for Electrical purpose conforming to IS: **1576/1992** or relevant IEC (and any other latest amendments thereafter).

**1. Solid Press Board sheet Type 'D'**

Length x Width x Thickness- (1000-2000)mm x 1000mm x 1.0mm

**2. Solid Press Board sheet Type 'D'**

Length x Width x Thickness-(1000-2000)mm x 1000mm x 2.0mm

**3. Solid Press Board sheet Type 'D'**

Length x Width x Thickness- (1000-2000)mm x 1000mm x 3.0mm

**Raw material:** Solid Press Board Sheet Type 'D' shall be made from 100 percent wood pulp. The manufacturer shall use the raw material as per IS/IEC. The scanned copy of invoices of raw material (wood pulp) purchased by manufacturer during last one year, shall be submitted by the bidder with their bid giving details of the supplier, contact no & email id.

**Acceptance tests :** The manufacturer shall have to produce the invoices and test reports of raw material (wood pulp) used for manufacturing of tendered item, at the time of inspection/testing of material. The Solid Press Board Sheet Type 'D' shall be subjected to the following Acceptance tests in accordance with relevant IS/IEC

**Acceptance test required for 1.0 mm**

<b><u>sl no</u></b>	<b><u>name of tests</u></b>
1	Thickness
2	Density
3	Electrical strength
4	Tensile strength
5	Shrinkage
6	Flexibility
7	Oil absorption
8	Machining test
9	Conductivity of aqueous extract
10	PH of aqueous extract
11	Moisture content
12	Mineral ash

**Acceptance test required for 2.0 mm& 3.0mm**

<b><u>sl no</u></b>	<b><u>name of tests</u></b>
1	Thickness
2	Density
3	Electrical strength
4	Tensile strength
5	Compressibility in air
6	Compressibility in oil
7	Shrinkage
8	Oil absorption
9	Machining test
10	Conductivity of aqueous extract
11	PH of aqueous extract
12	Moisture content
13	Mineral ash

**Note:-**

1. The tenderer has to submit 02 nos samples (A4 size sheet) of each size duly signed with company seal, within three days from tender Part-I opening.