

Phenolam India Pvt Ltd

Survey No: 807, I.D.A. Medchal

Dist: Ranga Reddy

Andhra Pradesh, INDIA

Tel : +91-8418-223112

Tele fax : +91-8418-222699

Email : info@phenolam.com

Web : www.phenolam.com

Phenolam India Pvt Ltd

The Solutions

For Your Quality Requirement

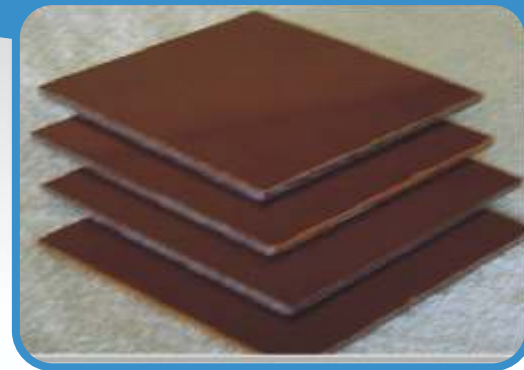
- ◎ Fabric Sheets
- ◎ Paper Sheets
- ◎ Aluminum Claded Sheets
- ◎ Phenolic Shuttering Film Face
- ◎ Phenolic Resins



www.phenolam.com

PAPER BASE

Phenolic Resin Bonded Paper Laminates are used in the fabrication of insulating components for applications such as switchgear, electric motors and transformers. Paper-based industrial laminates provide the electrical engineer with a choice of different grades of high quality material possessing excellent insulating properties and good mechanical features.



Grades:

P-1: Paper Base Laminate with good mechanical and machining properties.

P-2: Paper Base Laminate with good mechanical and better electrical properties than P1. Can be punched at 60°C up to thickness 3.2mm.

P-3: Paper Base Laminate with fire retardant properties conforming to UL 94 VO and having good electrical properties under humid conditions.

SPECIFICATION

Thickness	P-1 : 0.8mm - 40mm / P-2 : 0.5mm - 40mm / P-3 : 0.5mm - 40mm
Size	4x4 Feet

FABRIC BASE

Phenolic Resin Bonded Cotton Fabric Laminates are used where mechanical strength, wear resistance and resilience are more important than electrical insulation. Typical applications of fabric laminates are gears, textile shuttles, bearings, pickers, bushes and marine application. Different grades are offered to suit specific applications.



Grades:

F-1: Very Fine Weave fabric reinforced laminate with fine machining and moisture resistance properties.

F-2: Medium weave fabric reinforced Laminate with good moisture resistance. It has excellent mechanical properties.

F-3: Coarse weave fabric reinforced Laminate with good impact strength. It has good machining properties.

SPECIFICATION

Thickness	F-1: 0.5mm - 100mm / F-2: 0.5mm - 100mm / F-3: 1.0mm - 100mm
Size	4x4 Feet

PHENOLIC SHUTTERING FILM

Phenolic shuttering film is used in shuttering ply and Flush doors.

ADVANTAGES:

1. It has the perfectly bounded layers for best railing screw holding, heat resistance and hardness.
2. Re-using it many times as shuttering plywood, it can be used for paneling, roofing, flooring, partitions and manufacturing of Furniture.
3. It is fully waterproof, and it can be paintable.



ALUMINUM CLADED SHEETS

Our entry & Back-Up sheets are made up of several layers of Phenolic coated paper, fully cured Cladded with 50 microns of Aluminum foil on both the sides.

Special Characteristics: A superior aid for making PCB's (both Paper & Glass epoxy laminates) for both entertainment and professional grade electronic equipment. The use of our entry and exit boards allows heat built in drilling to be speedily dissipated on account of the conductivity of Aluminum, also gives clean burn free holes, free of resin smear and prolonged drill life.



PF AND UF RESINS

Applications:

1. Manufacturing of Paper/Fabric Industrial Grade Laminates
2. Decorative Laminates
3. Phenolic moulding components
4. Shuttering film
5. Plywood manufacturing
6. Flush door manufacturing

