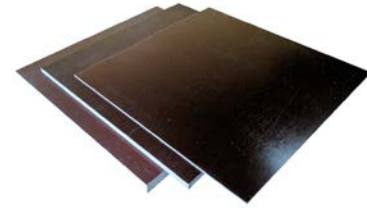


Fabric Bakelite is a rigid, hard wearing material manufactured from phenolic resin with woven cotton cloth layers of reinforcement. This sheet exhibits excellent mechanical strength and physical properties, very good machining characteristics and good resistance to abrasion.



Typical uses include the manufacture of wear plates, electrical insulation pads, bushes, bolt sleeves, saw guides, rollers and conveyor wheels. It machines well and can be accurately cut and drilled.

Applications

Typical applications for fabric Bakelite include...

[View This Product](#)

- Electrical Isolating Bolt Sleeves, Washers and Gaskets
- Manufacturing Jigs
- Wear Plates
- Insulating Pads, Bushes and Spacers,
- Gears
- Wear Strips and Liners
- Rollers
- Saw Guides
- Pulleys and Conveyor Wheels
- Slot Wedges and Packers for Electric Motors
- Pump Vanes.

Technical Details

Property	Value
Tensile Strength	63.8 MPa (minimum)
Impact Strength	24.5 KJ/m ²
Flexural Strength	103 MPa (minimum)
Heat Resistance (martens test)	125°C (minimum)
Thread Count	24 per cm
Specific Gravity	1.3 – 1.42
Colour	Natural / Brown
Bond Strength	5390 N (minimum)
Breakdown Strength Perpendicular to Laminations in Transformer Oil (@ 90°C)	
0.5 to 1mm	4 kV/mm
1.1 to 2mm	3 kV/mm
2.1 to 3mm	2 kV/mm

Storage

Important

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

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Available Sizes, Forms and Styles

Fabric Bakelite Sheet is available from Swift Supplies in a large variety of sizes and shapes. Standard sizes are listed below but many, many more are available upon request. These include thicknesses up to 50mm, sheets up to 2020mm / 1020mm and all sorts of precision cut parts. For more information on the available options please do not hesitate to contact us.

Standard Thicknesses (more on request)

- 0.8mm
- 1.5mm
- 2.4mm
- 3mm
- 5mm
- 6mm
- 8mm
- 10mm
- 12mm
- 16mm
- 20mm
- 25mm

Standard Sheet Sizes (more on request)

- 250mm / 250mm
- 500mm / 500mm
- 500mm / 1000mm
- 1000mm / 1000mm

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