



Fibreglass Products

Part of the Quartzelec Group, Quartzcoil's Fibreglass business manufactures a wide range of insulation components to the highest quality and precision, whether it's client specific or manufactured to existing drawings.

A dedicated and skilled workforce with extensive knowledge and years of experience are ably supported by Quartzelec's engineering team, allowing us to offer unique solutions to client requirements.

Fully equipped, including our efficient CNC machine HAAS TM-3P offering high performance and modernised manufacturing processes and with an intuitive programming system, Quartzcoil's Fibreglass business has several Cincinnati milling machines manual CNC operated, two wedging machines, various pin drills and saws.

A selection of approved materials are stocked in KANBAN which enables us to be responsive and react quickly to high demands with competitive lead times.

Quartzcoil Fibreglass offers precision machined components for AC/DC motors, generators; stators and rotors.

#CoilManufacturing

Our Range

We aim to supply our clients with a quality product, machined from quality materials.

- Packing Blocks
- Brackets
- Insulation Rings
- Insulation Washers
- Support Ring Blocks
- Busbar Clamps and Insulation Plates
- Mouth of Slot Packing Blocks
- Stator Slot Wedges
- Slot Separators
- Rotor Wedges
- Insulation Plates
- Winding Support Bracket
- Insulation Endplates
- Cable Supports
- Cable Clamps
- Pole Packers
- Insulation End Caps
- Rotor Winding Packers
- Insulation Discs
- Insulation Boards
- Clamp Packing
- Mounting Blocks
- VEE Block Slides
- Clamp Blocks
- Ripple Springs

■ MS1189 Epoxy Bonded Glass Laminate G11

A glass fabric bonded with an epoxide resin to give a laminate with good thermal endurance, mechanical and electric strength and which conforms to IEC 60893. The material is used for slot and core packing, wedges and separators in Class F insulated machines.

■ MM1194 Epoxy Bonded Glass Mat Sheet

This material offers Class F performance, with electrical, thermal and machining properties that make it suitable for wedges and packing blocks.

■ MM1046 Phenolic Bonded Cotton Laminates

Typically used for slot wedges and packing blocks, this material complies with the requirements of BS2572, Type F2.

■ MS1205 Polyester Bonded Glass Mat Sheet GP03

Offering Class "F" thermal performance and used for slot separators, packing blocks and various machined parts.

■ MM1196 Graphite Loaded Epoxy Bonded Glass Laminate

A graphite loaded epoxy bonded glass laminate with good thermal endurance and mechanical strength. Used for stator slot packing for Class F high voltage machines.



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