

FORMAX IS A WORLD-LEADER IN THE SUPPLY OF LIGHTWEIGHT REINFORCEMENT FABRICS, SPECIALISING IN THE PRODUCTION OF MULTIAXIAL FABRICS FOR THE MARINE, AUTOMOTIVE, WIND, SPORT AND INDUSTRIAL MARKETS.

FORMAX
MULTIAXIAL REINFORCEMENTS

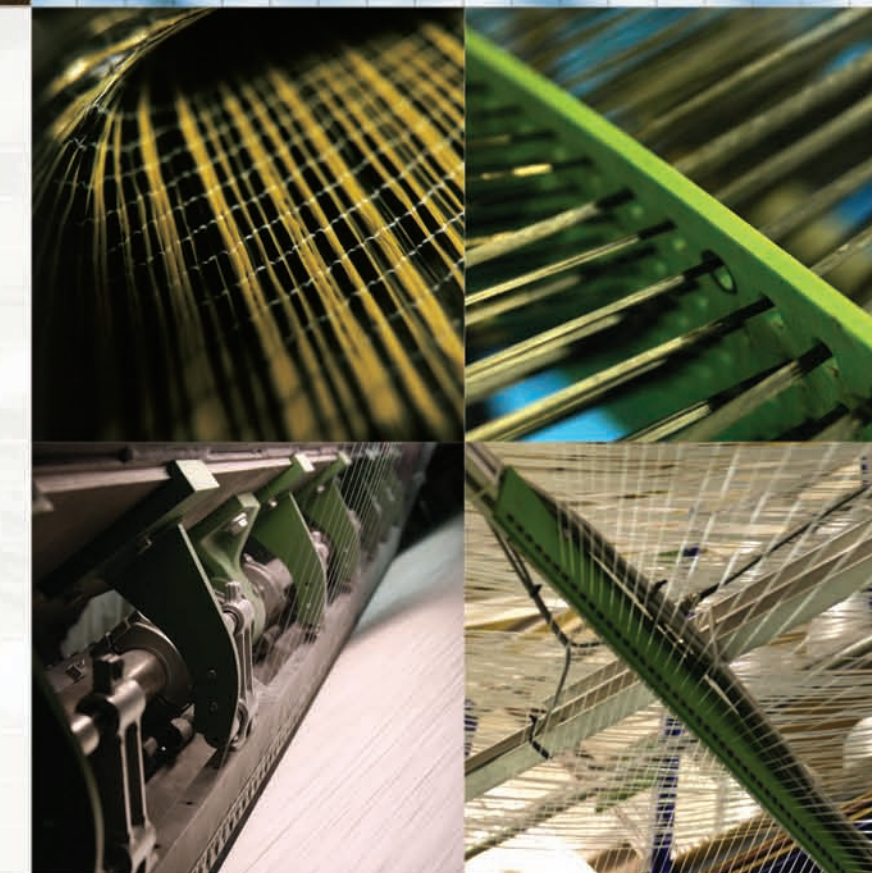
Formax UK Ltd
Cutters Close, Narborough
Leicester, LE19 2FZ

T +44 (0) 116 275 2200
F +44 (0) 116 284 1912
E info@formax.co.uk

www.formax.co.uk

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ENGINEERED MULTIAXIAL FABRICS - REINFORCING YOUR DESIGN NEEDS

Formax is one of the leading global suppliers of Carbon Multiaxial Reinforcements or NCF's.

Recognising the need for stronger, lighter structures, Formax was founded in 2000 to provide the rapidly growing composites market with high performance and high quality multiaxial reinforcements.

Ten years on, Formax has become a world leader in the production of ultra lightweight carbon reinforcements through its proprietary fibre spreading technologies. Formax has also established itself as an innovative manufacturer of glass NCF's, supplying all sectors of the composites industry.

TRUSTED TECHNOLOGY

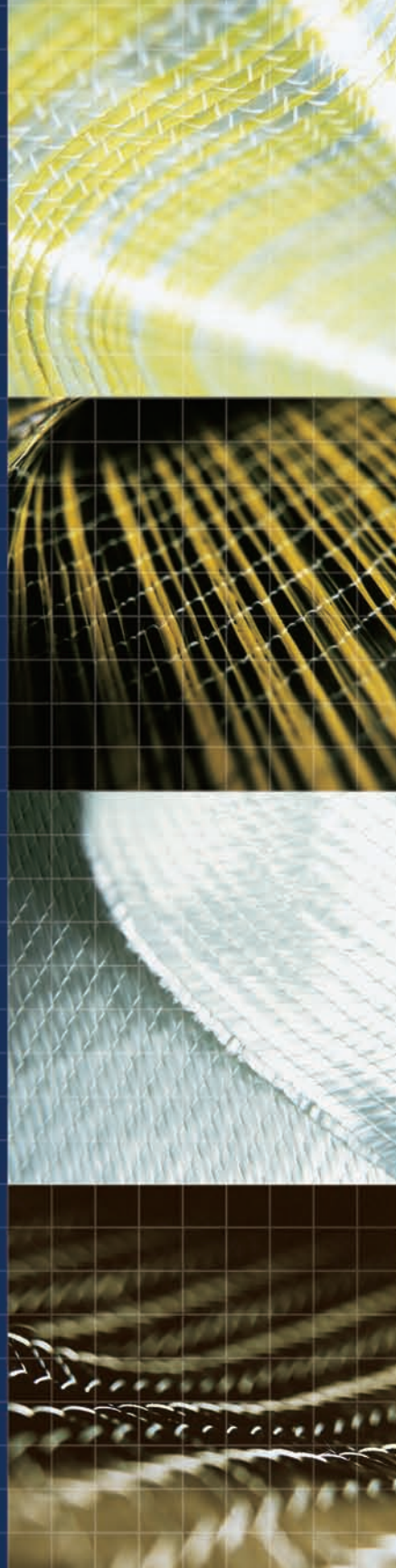
Formax reinforcements feature the latest technological developments, offering a variety of different raw materials, from carbon through to natural fibres. All manufacturing processes adhere to ISO 9001 standards, ensuring the highest quality reinforcements for the customer.

FORMAX CAPABILITIES

Formax has continued to invest heavily, both in new machinery and processes, enabling them to offer a variety of technologies and to maintain highly efficient production capabilities at the best possible prices.

- Multiaxial machines manufacture biaxial +/-45, triaxial, and quadriaxial fabrics, with an ability to offer on-line CSM.
- Biaxial machines offer 0/90 biaxials, with multiple layers of CSM, CFM or other core materials on their own or combined.
- Carbon Tows - Carbon machines offer spread-tow multiaxials, stitched unidirectionals, woven unidirectionals and open meshes.
- Cutting - Formax are able to offer kits cut to shape, with or without powder-bonding.
- Tapes - Formax can cut tapes on-line or off-line to most widths and any length.
- Fabric inspection and re-rolling.
- Heat-setting and laminating.

FORMAX'S INVESTMENT IN RESEARCH AND DEVELOPMENT ENSURES THEY ARE ABLE TO DELIVER RADICAL AND BESPOKE SOLUTIONS TO THE MOST DEMANDING OF CLIENT REQUIREMENTS.



ENGINEERED PRODUCTS DESIGNED BY THE CUSTOMER

Formax multiaxial reinforcements are produced using a huge variety of raw materials and feature the latest in fibre developments.

Formax works with the client to create, develop and manufacture bespoke technical fabrics that are engineered to maximise the performance of their composite products.

FORMAX MULTIAXIAL REINFORCEMENT PRODUCTS

- Biaxial
- Triaxial
- Quadriaxial
- UD's - Formax offers heat-set woven UD's for hand lamination, and stitched UD's for infusion, in both carbon and glass.
- Lightweight Carbon Biaxials - With ply weights starting at only 50g, Formax is a world leader in the production of lightweight fabrics in carbon fibre.
- Combi Fabrics - Formax offers a range of stitch bonded combi fabrics, combining Formax's multiaxial base fabric with chopped fibres, continuous filament mats and surface veils.
- Hybrids - With different combinations of fibres either in separate fabric plies or blended in each axis, Formax can supply hybrid fabrics that combine the properties of different fibres.
- Meshes - Formax manufactures a range of lightweight meshes and scrimms that offer all the key advantages of the multiaxial system.
- Fibres - Formax reinforcements use a variety of fibre inputs from E-Glass, S-Glass, and A-Glass, through to Aramids, and both standard and high modulus carbon fibres. Formax also have experience in mineral fibres such as basalt and natural fibres such as flax and hemp.

FORMAX MULTIAXIALS OFFER NUMEROUS ADVANTAGES OVER TRADITIONAL FORMS OF REINFORCEMENTS:

- Reduced weight through ply optimisation
- Increased strength
- Design flexibility
- Reduced lay up time and cost
- Optimised structures for resin infusion and resin transfer moulding
- Surfacing solutions for reduced print through



WORLDWIDE SUPPLY

Formax are trusted suppliers worldwide. Formax offer a flexible service to all customers wherever they are in the world, with short lead-times and low minimum order quantities.

- Wind Energy
- Sports
- Marine
- Automotive
- Industrial



Europe • North America • China • Middle East • Australasia

FORMAX IS COMMITTED TO INNOVATION AND CREATING BESPOKE CUSTOMER SOLUTIONS