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# Technical Data Sheet

## E-glass Multiaxial Fabrics

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### Code: BX450

Multiaxial fabrics are non-crimp, multi-axis and multi-layered reinforcements. Layer count, orientation, weight and fiber content of the layers vary based on product line and application. The layers are stitched via polyester yarn. Fabrics can be produced using multiple axis (0°, 90°, +45°, -45°) or combined with chopped mat and multiple layers of veil and /or non-woven materials. The typical application of such products is Wind Energy, Marine/ship Building, Recreation/Leisure Products, Automotive, Aerospace & Defense etc.

#### Identification:

Example: BX450

BX: (+45°/-45°)

450: Nominal weight per square meter (g/m<sup>2</sup>)

Standard Roll width (mm) : <=1270mm; Standard Roll Weight:: 50kgs

#### Technical characteristics:

CONSTRUCTION	LAYER WEIGHT (g/m <sup>2</sup> )	TOLERANCE (± %)	MATERIAL
+45°	221	5	E-Glass 300 tex
-45°	221	5	E-Glass 300 tex
Stitching Yarn	8	5	Polyester 83 d'tex
Total Weight	450g/m <sup>2</sup>	5	

All data represent typical average values.

#### Packaging:

Product is manufactured in form of a roll wound on a paper tube with internal diameter of 76mm. Each roll is packed in a PE film and placed within a cardboard carton. Positioned securely on to a pallet, strapped and covered.

#### Traceability:

All fabrics are identified with a unique style number and all rolls produced have unique batch numbers.

#### Labeling:

All rolls of fabric have a label placed within the core, on the roll and on the carton for clear identification

#### Storage:

It is recommended that the fiberglass are stored in a cool and dry environment. Recommended temperature range of storage is between 10-30°C and relative humidity between 50-75%. The fiberglass should remain in the packaging until just prior to use. Pallets should be stacked only one high.