



## TECHNICAL DATA SHEET FOR MULTIAXIAL FABRIC GBX 300 L- 1250 (Bx 300 – 1250)

### PRODUCT DESCRIPTION

Multiaxial layer fabric GBX is a non-woven surface structure stitched with polyester (PES) thread. The fabric consists of two layers of glass roving in  $-45^\circ$  and  $+45^\circ$  axis integrated. GBX is multiaxial fabric designed for production of glass reinforced plastics (laminates). The chemical treatment (sizing) of fibres used for its production is based on silane binding agents which makes them compatible with polyester, vinylester and epoxy resins.

### PRODUCT DESIGNATION

Multiaxial layer fabrics are identified through a product name that contains following information:

- Product type
- Total square weight of the product in  $\text{g/m}^2$
- Product width in mm

PRODUCT NAME:

**GBX 300 L- 1250**

**Product type:** multiaxial fabric with layer of glass tissue

**Total areal weight:** 300  $\text{g/m}^2$

**Product width:** 1250 mm

### PRODUCT SPECIFICATION

FABRIC CONSTRUCTION	Areal weight in $\text{g/m}^2$	Used Fibre	Ends Per 10 cm	Fibre tex
$0^\circ$	-	-	-	-
$+45^\circ$	152 +/- 5%	E-glass	80	136
$90^\circ$	-	-	-	-
$-45^\circ$	152 +/- 5%	E-glass	80	136
Chopped roving	-	-	-	-
Glass tissue	-	-	-	-
Stitching thread	5 +/- 5%	Polyester		110
<b>TOTAL AREAL WEIGHT</b>	<b>309 +/- 5%</b>	-	-	-

MACHINE GAUGE: F5 FRANSE      Stitch length: 2,5mm

PRODUCT WIDTH: 1250 +/- 1mm

## STANDARD PACKAGING

Product is manufactured in form of a roll wound on a paper tube with internal diameter of 76 mm. Each roll is packed in a PE-sleeve and placed in layers on a wooden pallet. Every layer of rolls is fixed to the pallet by a PP- tape to form a dispatch unit.

Commonly used packaging is related to a standard product width of 125 cm:

- Roll weight: 52,5 kg
- Number of rolls per pallet: 16
- Internal tube diameter: 76 mm
- Standard pallet dimensions in mm: 1300 x 960
- Weight of the pallet: cca. 800 kg
- Number of pallets per truck: 23-24

**Note:** Other packaging than displayed must be agreed in advance

## STORAGE AND TRANSPORT

Recommended storage conditions:

- in dustproofed and dry warehouses at the temperature between 10°- 30 °C max.
- recommended relative humidity of 45-65 %.
- stocking in one layer only.

Transport of the goods by covered means of transport protected against leaking only.

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