

FICHA TÉCNICA / TECHNICAL DATA SHEET

E-GLASS BIAXIAL TAPE $\pm 45^\circ$ 300 g/m² · 100 mm × 131 linear metres

Narrow biaxial E-Glass reinforcement with the main fibres oriented at $+45^\circ$ and -45° . Intended for composite laminates requiring multiaxial reinforcement, good conformity to geometry and controlled application width.

Material	E-Glass fibre
Construction	Biaxial $\pm 45^\circ$
Nominal areal weight	300 g/m ²
Width	100 mm
Roll length	131 linear metres
Area per roll	13.10 m ²
Theoretical net fibre weight	3.93 kg/roll
Supply form	Tape / roll
Indicative HS	7019 – glass fibres and articles thereof
Origin	To be confirmed
Manufacturer / reference	Not identified

APPLICATIONS

Local reinforcement of laminates, joints, corners, seams, overlaps and composite repairs. Suitable for marine, industrial and composite manufacturing/repair applications.

FIBRE ORIENTATION

The principal structural fibres are arranged in two directions, $+45^\circ$ and -45° to the longitudinal axis of the tape. This architecture is particularly useful for reinforcement under shear and torsional loading.

PROCESSING

May be used in processes compatible with dry E-Glass reinforcements, including hand lay-up, vacuum infusion and other resin-impregnation processes, subject to compatibility with the selected resin system.

RESIN SYSTEMS

E-Glass reinforcements are generally used with epoxy, polyester and vinyl ester systems. Exact compatibility depends on the product sizing, which has not been identified for this roll.

NOTES

The 3.93 kg weight is theoretical, calculated from $13.10 \text{ m}^2 \times 300 \text{ g/m}^2$, and excludes core, wrapping and packaging. No specific thickness, stitching yarn, sizing or mechanical-property values are assigned because a manufacturer data sheet has not been identified.

TCS technical data sheet prepared from the supplied product construction and dimensions. Manufacturer-specific parameters that have not been documented are intentionally left unspecified.