

TECHNICAL DATA SHEET

3K 200gsm Twill Carbon Fiber Fabric

Bidirectional woven carbon reinforcement

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Bidirectional woven carbon reinforcement

A balanced 3K woven carbon fiber fabric for visible laminate surfaces and structural composite layups. The 200 g/m2 construction offers a practical combination of drape, handling and resin wet-out for common molding processes.

FIBER 3K carbon	WEIGHT 200 g/m2	WEAVE Twill	ROLL 100 m nominal
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NOMINAL PRODUCT DATA

Property	Nominal value	Quotation note
Product style	TCT-3K-200 source reference	FRP HOME code shown above
Fiber type	3K carbon fiber	Confirm grade and sizing
Areal weight	200 g/m2	Confirm tolerance by order
Nominal thickness	0.20 mm	Dry-fabric reference
Weave pattern	Twill	Surface appearance by sample
Fiber count	5 x 5 per 10 mm	Warp x weft nominal
Available width	1000-1500 mm	Confirm selected width
Nominal roll length	100 m	Packing by order

TYPICAL APPLICATIONS

Vacuum infusion • Wet layup • Compression molding • Automotive composite panels • Sporting goods • Industrial composite covers

HANDLING AND QUOTATION NOTES

- Keep rolls dry, covered and protected from crushing.
- Approve surface appearance with a sample when the fabric will remain visible.
- Confirm fiber grade, sizing, width, roll length and resin process before ordering.

Data basis: Prepared from the local 3K 200gsm twill fabric product record supplied for website documentation. Unsupported temperature and end-use claims from the legacy sheet were not carried forward.

The values in this sheet are typical or nominal reference values, not a batch certificate or finished-laminate design allowables. Final specification, tolerances, test methods, resin compatibility, compliance review and COA requirements must be confirmed in the quotation and order documents.