

Data Sheet

CARBON TRIAXIAL FABRICS

Performance fabrics for Toolfusion® Tooling

DESCRIPTION

Airtech TMGC-TX Fabrics are Triaxial Carbon Fabrics developed for the manufacture of composite moulds with Airtech Toolfusion® resins. This range of Quasi-isotropic fabrics are balanced in every layer, avoiding the need for orientation of individual plies in laminate stack. TMGC-TX Fabrics are available in a selection of light, medium, and heavy weight fabrics. The heavy weight fabrics allow thickness to be built in fewer layers, with laminate quality for high quality post machining. Airtech TMGC-TX Fabrics deliver lower cost tooling solutions with superior performance.

BENEFITS

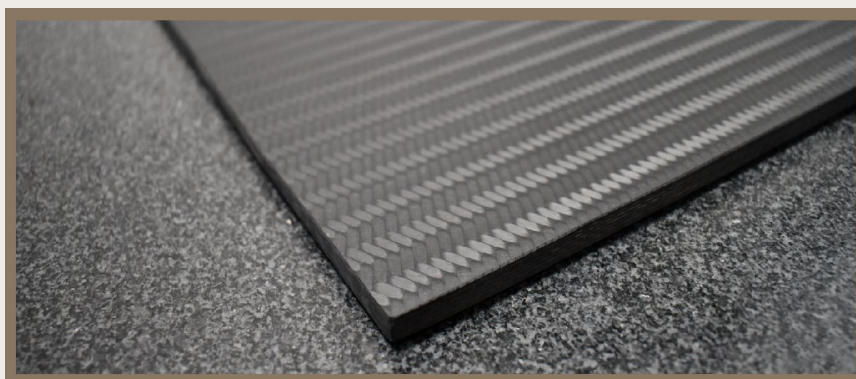
- Balanced fabrics do not require ply orientation, reducing layup times dramatically.
- Simplified ply patterns reduces material waste to a minimum.
- Engineered for Toolfusion® for ease of infusion and high quality tooling laminates.

TECHNICAL DATA

Product Name	Yarn Type	Weaving Style	Weight	Thickness
TMGC-TX390	12K Carbon	Triaxial 0,+/-60°	393 g/m ² (11,6 oz/yd ²)	0,41 mm (0,016 inch)
TMGC-TX670	24K Carbon	Triaxial 0,+/-60°	661 g/m ² (19,5 oz/yd ²)	0,66 mm (0,026 inch)
TMGC-TX1100	24K Carbon	Triaxial 0,+/-60°	1105 g/m ² (32,6 oz/yd ²)	1,13 mm (0,044 inch)

SIZES

Product Name	Roll Sizes
TMGC-TX390	122 cm x 91,4 m (48 inches x 100 yd)
TMGC-TX670	122 cm x 91,4 m (48 inches x 100 yd)
TMGC-TX1100	122 cm x 27,4 m (48 in x 30 yd)



NOTES

- Minimum order quantity may be required.

Last updated : 2017-12-13

Catalogue position : [Resin infusion products](#)