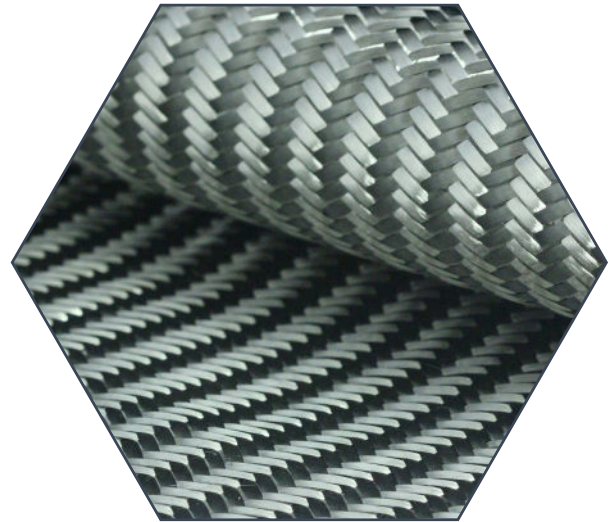




CARBON FIBER FABRIC 2X2 TWILL TRIAXIAL 0/+60/-60 12K TORAY T700 MODEL #: F-895-48

Fabric	2x2 Twill
Raw Material	Bias - AS4C-GP 6K (Hexcel) - 67% of weight Axial - T-700 SC 12K 50C (Toray) - 33% of weight
Fabric Width	48"
Braid Angle	0°, +/-60°
Braid Yield	1.0 yd/lb (2.0 m/kg)
Areal Weight	393 GSM
Layer Thickness (@55%FV)	.02" (.41 mm)
Standard Fabric Tolerances	Yield Tolerance: +/-5% Angle Tolerance: +/-3°

MECHANICAL PROPERTIES	AVERAGE
0° Tensile Str. (ksi)	119
0° Tensile Mod. (Msi)	6.6
90° Tensile Str. (ksi)	110
90° Tensile Mod. (Msi)	6.7
0° Compressive Str. (ksi)	78
0° Compressive Mod. (Msi)	6.1
90° Compressive Mod. (Msi)	6.3
0° In-plane Shear Str. (ksi)	34
0° In-plane Shear Mod. (Msi)	2.4



Information and data included in this data sheet is considered to be accurate and reliable to the best of our knowledge however it is not guaranteed to be so. It is the user/buyer's responsibility to determine for themselves the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. Composite Envisions make no representations or warranties as to the results to be obtained in using any material. As Composite Envisions cannot foresee all conditions under which products will be used, user/buyer waives any claim against Composite Envisions for direct, indirect, consequential, or exemplary damages including without limitation, damage which may incur as a result of user/buyer's use or misuse of the product or the product's failure to perform to any expected performance level.

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