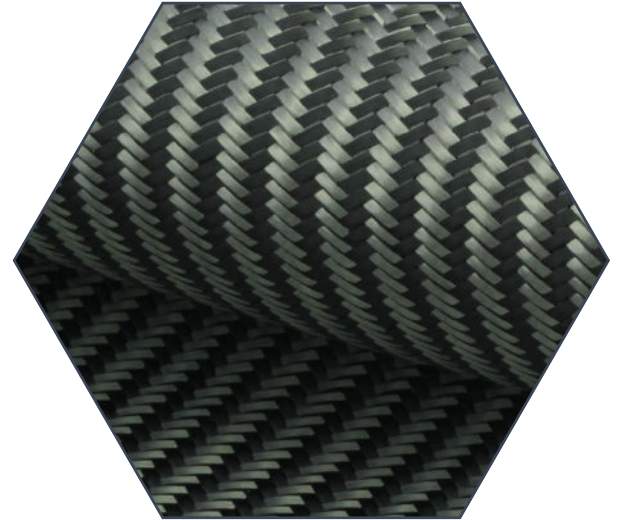




CARBON FIBER FABRIC 2X2 TWILL TRIAXIAL 0/+60/-60 DEGREE 3K/6K HEXCEL AS4C MODEL #: F-894-52

Fabric	2x2 Twill
Raw Material	Bias - AS4C-GP 3K (Hexcel) - 67% of weight Axial - AS4C-GP 6K (Hexcel) - 33% of weight
Fabric Width	52"
Braid Angle	0°, +/-60°
Braid Yield	1.4 yd/lb (2.8 m/kg)
Areal Weight	272 GSM
Layer Thickness (@55%FV)	.01" (.28 mm)
Standard Fabric Tolerances	Yield Tolerance: +/-5% Angle Tolerance: +/-3°

MECHANICAL PROPERTIES	AVERAGE
0° Tensile Str. (ksi)	107
0° Tensile Mod. (Msi)	6.9
90° Tensile Str. (ksi)	95
90° Tensile Mod. (Msi)	6.5
0° Compressive Str. (ksi)	85
0° Compressive Mod. (Msi)	6.1
90° Compressive Mod. (Msi)	6.1
0° In-plane Shear Str. (ksi)	47
0° In-plane Shear Mod. (Msi)	2.4



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