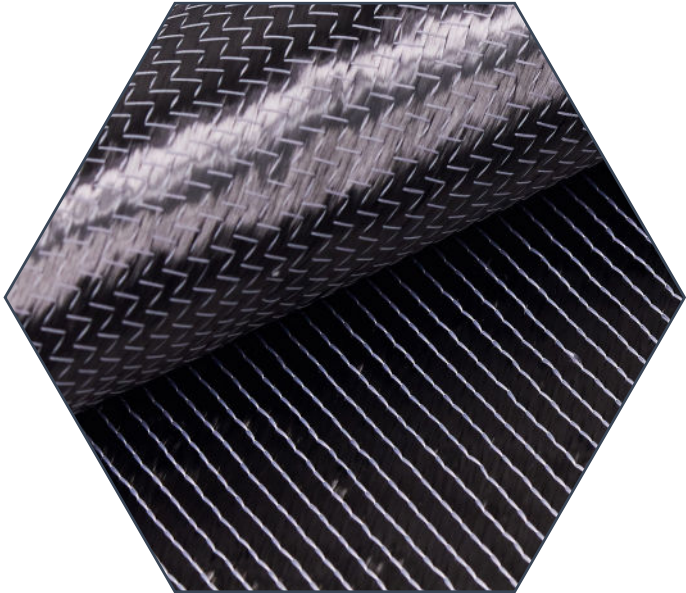




CARBON FIBER FABRIC BIAXIAL +45/-45 DEGREE 24K HYOSUNG H-2550 MODEL #: F-1833-50

Fabric Style		Biaxial
LAYER	FIBER DESCRIPTION	NOMINAL WEIGHT (GSM)
-45°	HS 24K	400
+45°	HS 24K	400
Stabilisation Thread - 0°		68Tex Glass
Stabilisation Thread - 90°		N/A
Stitch Fibre		PE 80Dtex
Liner (Upper)		N/A
Spacing 0°		22.5mm
Spacing 90°		N/A
Stitch Pattern		Tricot
Liner (Lower)		N/A



FABRIC PROPERTIES

PROPERTY	NOMINAL	UNITS	PROPERTY	REQUIREMENT
“All-Up” Mass	810	gsm	Bow	Axis angle $\pm 1.5^\circ$ per m width
Width	1270	mm	Warp Bow	5mm per 1m length (max)
“Layer” Mass	See Above		Typical Length (lm)	As per requirements
“Stitch” Mass	7	gsm	Construction	Verify
“Stabilisation” Mass	See Above		Thickness	Verify

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.

Composite Envisions LLC
 8450 Development Court
 Wausau, WI 54401 USA
 +1 715-842-0101
 info@compositeenvisions.com
 https://compositeenvisions.com/



**COMPOSITE
ENVISIONS**