



## CARBON FIBER FABRIC BIAXIAL +45/-45 DEGREE 12K H2550 FIBER MODEL #: F-1989-50

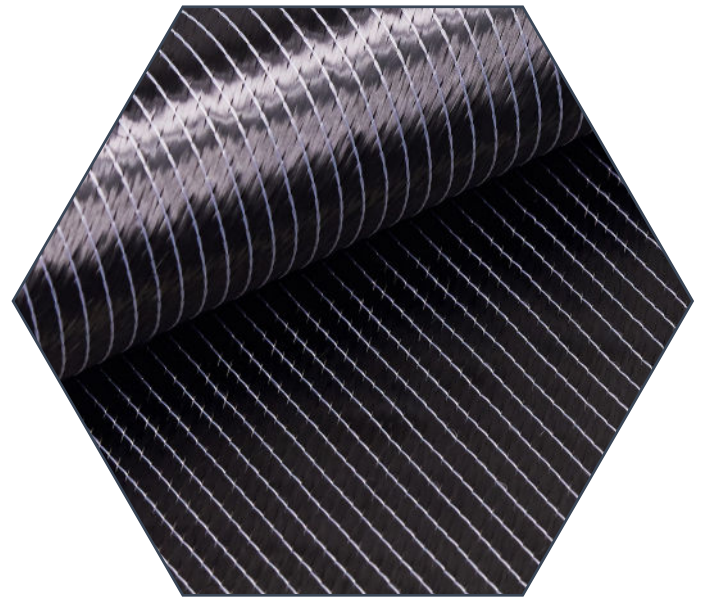
### MULTI-AXIAL FABRIC DATA SHEET

Fabric Style	Biaxial
Description	410GSM/-45°+45°/Hyosung H2550 12K, A10 size/1270mm

LAYER	AF	FIBER DESCRIPTION	NOMINAL WEIGHT (GSM)	TOLERANCE
-45°	247	Hyosung H2550 12K, A10 size	200	± 8.0 gsm
+45°	247	Hyosung H2550 12K, A10 size	200	± 8.0 gsm

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	Chain
Liner (Lower)	N/A





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### TOLERANCES/TESTING/FREQUENCY

CHECK	TEST METHOD	NOMINAL	TOLERANCE
"All-Up" Mass	001/2/8	410	±10 gsm
Width	003	1270	-0 / +10
"Layer" Mass	001/2/8	See Above	See Above
"Stitch" Mass	001/2/8		Typically 4-9 gsm
"Stabilisation" Mass	001/2/8	See Above if Applicable	

CHECK	TEST METHOD	MAXIMUM
Bow	006	Axis angle ± 1.5° per m width
Warp Bow	007	5 mm/mt length
Nominal Length (metres)		Per Customer Requirements
Construction	012	Verify
Thickness	011	Verify

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