

MCX1331270

Sigmatex Product Data Sheet



Description	810GSM/-45°+45°/HS 24K/1270mm
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Fabric Style	Bi-Axial
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Layer	Fibre Description	Nominal Weight (gsm)
-45°	HS 24K	400
+45°	HS 24K	400

Stabilisation Thread - 0°	68Tex Glass	Spacing 0°	22.5mm
Stabilisation Thread - 90°	N/A	Spacing 90°	N/A
Stitch Fibre	PE 80Dtex	Stitch Pattern	Tricot
Liner (Upper)	N/A	Liner (Lower)	N/A

Fabric Properties

Property	Nominal	Units
"All-Up" Mass	810	gsm
Width	1270	mm
"Layer" Mass	See Above	
"Stitch" Mass	7	gsm
"Stabilisation" Mass	See Above	

Property	Requirement
Bow	Axis angle $\pm 1.5^\circ$ per m width
Warp Bow	5mm per 1m length (max)
Typical Length (lm)	As per customer requirements
Construction	Verify
Thickness	Verify

From global locations, Sigmatex supplies carbon fibre textiles including 3D, Spread Tow, Innegra, Recycled, Unidirectional, Multiaxial, and 2D across a broad spread of industries ranging from the world's top supercar manufacturers to aerospace companies. In all cases, Sigmatex helps its customers to achieve improved product performance through lightweight strength. Sigmatex was established in 1986 and has specialised in converting carbon fibre since then. For more information see www.sigmatex.com or contact a member of the sales team on +44 (0) 1928 570 050

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*Tolerances on fabric properties can be provided on request.