

# MCX1461270

## Sigmatex Product Data Sheet



<b>Description</b>	150GSM/-45°+45°/T700SC 12K 50C/1270mm
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<b>Fabric Style</b>	Bi-Axial
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Layer	Fibre Description	Nominal Weight (gsm)
-45°	T700SC 12K 50C	73
+45°	T700SC 12K 50C	73

<b>Stabilisation Thread - 0°</b>	N/A	<b>Spacing 0°</b>	N/A
<b>Stabilisation Thread - 90°</b>	N/A	<b>Spacing 90°</b>	N/A
<b>Stitch Fibre</b>	PE36dTex BLACK	<b>Stitch Pattern</b>	Chain
<b>Liner (Upper)</b>	N/A	<b>Liner (Lower)</b>	N/A

### Tolerances / Testing / Frequency

Property	Nominal	Units
"All-Up" Mass	150	gsm
Width	1270	mm
"Layer" Mass	See Above	
"Stitch" Mass	4	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 (1m)	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](http://www.sigmatex.com) or contact a member of the sales team on +44 (0) 1928 570 050

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