



HiMax[®] CGL4099

FCIM144 [C12k, 800, 0/+45/90/-45]



Product Data Sheet

Fabric Construction

Fiber Type: Carbon
Construction: 0/+45/90/-45
Fabric Weight: 800 gsm +/- 5%

Stitching Fiber

Stitching Thread: Polyester White
Stitch DTex: 78
Stitch Gauge: 6.0 gg
Stitch Length: 2.5 mm
Stitch Type: Full Pillar Tricot
Stitch Weight: 7 gsm

Ply Construction

0° Ply

Fiber Specification: 12k standard modulus carbon
Fiber Tex: 800 tex
Gauge: 6 gg
Ply Weight: 189 gsm

+45° Ply

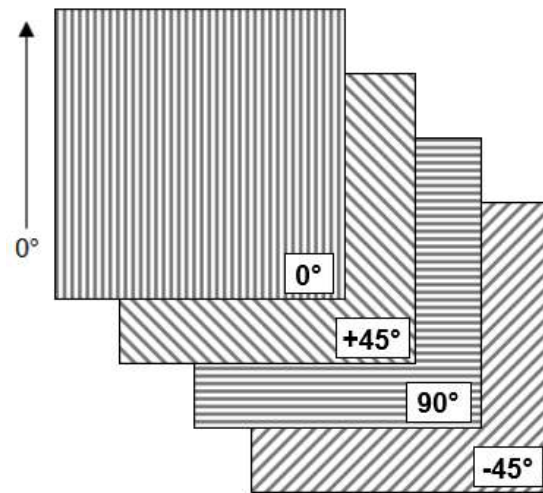
Fiber Specification: 12k standard modulus carbon
Fiber Tex: 800 tex
Gauge: 4.4 gg
Ply Weight: 196 gsm

90° Ply

Fiber Specification: 12k standard modulus carbon
Fiber Tex: 800 tex
Gauge: 6 gg
Ply Weight: 189 gsm

-45° Ply

Fiber Specification: 12k standard modulus carbon
Fiber Tex: 800 tex
Gauge: 4.4 gg
Ply Weight: 196 gsm



Customization

Customer Code and Description:	Customer Specified
Fabric Width:	1270mm (+/- 5mm) - or tapes on application
Tracer Threads / Tapered Edges:	Customer Specified
Approved Fibers:	On Application
Roll Weight / Length:	Customer Specified
Cardboard Core:	Customer Specified
Packaging:	Customer Specified



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For more information

Hexcel is a worldwide supplier of composite materials to aerospace and industrial markets. Our comprehensive range includes:

- HexTow[®] carbon fibres
- HexFlow[®] RTM resins
- Acousti-Cap[®] sound attenuating honeycomb
- HexForce[®] reinforcements
- Redux[®] adhesives
- Engineered core
- HiMax[®] non-crimp fabrics
- HexTool[®] tooling materials
- Engineered products
- HexPly[®] prepregs
- HexWeb[®] honeycomb
- HexMC[®] moulding compounds

For quotes, orders and product information call +44 116 275 2200. For other worldwide sales office telephone numbers and a full address list, please go to:

<https://www.hexcel.com/contact/>