



# HiMax™ CGL5102

## FCIM320 [C12k, 100, +45/-45]



Product Data Sheet

### Fabric Construction

Fibre Type: Carbon  
 Construction: +45/-45  
 Fabric Weight: 104 gsm +/- 5%  
 Dry Thickness: 0.22

### Stitching Fibre

Stitching Thread: Textured Polyester Bla  
 Stitch DTex: 35  
 Stitch Gauge: 6.0 gg  
 Stitch Length: 2 mm  
 Stitch Type: Pillar  
 Stitch Weight: 4 gsm

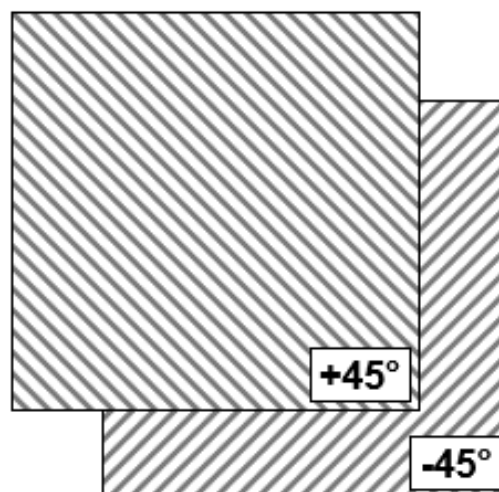
### Ply Construction

#### Layer 2: +45 ply

Fibre Specification: 12k standard modulus carbon  
 Fibre Tex: 800 tex  
 Gauge: 1.125 gg  
 Ply Weight: 50 gsm

#### Layer 1: -45 ply

Fibre Specification: 12k standard modulus carbon  
 Fibre Tex: 800 tex  
 Gauge: 1.125 gg  
 Ply Weight: 50 gsm



### Customisation

Customer Code and Description:	Customer Specified
Fabric Width:	1270mm (+/- 5mm) - or tapes on application
Tracer Threads / Tapered Edges:	Customer Specified
Approved Fibres:	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
- HexForce® reinforcements
- HiMax™ non-crimp fabrics
- HexPly® prepregs
- HexMC® moulding compounds
- HexFlow® RTM resins
- Redux® adhesives
- HexTool® tooling materials
- HexWeb® honeycombs
- Acousti-Cap® sound attenuating honeycomb
- Engineered core
- Engineered products