



# HiMax<sup>®</sup> CGL4012

## FCIM255 [C12k, 150, +45/-45]



### Product Data Sheet

#### Fabric Construction

Fiber Type: Carbon  
Construction: +45/-45  
Fabric Weight: 200 gsm +/- 5%

#### Stitching Fiber

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

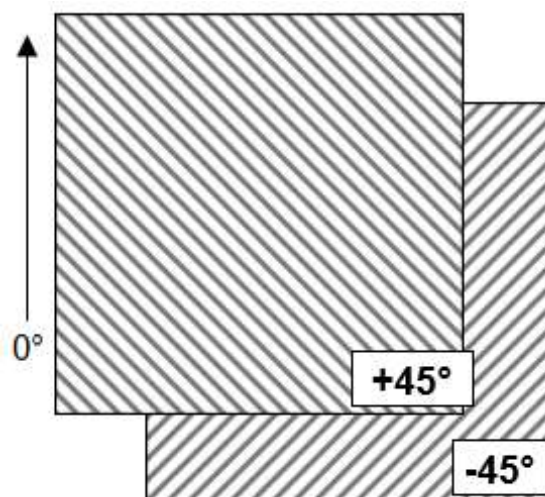
#### Ply Construction

##### Layer 2: +45° Ply

Fiber Specification: 12k standard modulus carbon  
Fiber Tex: 800 tex  
Gauge: 1.68 gg  
Ply Weight: 75 gsm

##### Layer 1: -45° Ply

Fiber Specification: 12k standard modulus carbon  
Fiber Tex: 800 tex  
Gauge: 1.68 gg  
Ply Weight: 75 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<sup>®</sup> carbon fibres
- HexFlow<sup>®</sup> RTM resins
- Acousti-Cap<sup>®</sup> sound attenuating honeycomb
- HexForce<sup>®</sup> reinforcements
- Redux<sup>®</sup> adhesives
- Engineered core
- HiMax<sup>®</sup> non-crimp fabrics
- HexTool<sup>®</sup> tooling materials
- Engineered products
- HexPly<sup>®</sup> prepregs
- HexWeb<sup>®</sup> honeycomb
- HexMC<sup>®</sup> 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/>