



PrimeTex® HS12K CARBON FABRIC 48194 C 1270 S



Product Data Sheet

Textile Reinforcement for High Performance Composite

Primetex® is a range of Hexforce® carbon fabrics that have been processed for a smooth, closed weave and enhanced uniform appearance. Hexcel® supplies Primetex® fabrics with the physical properties mentioned in this datasheet. Should you wish to achieve specific cosmetic effects with Primetex® please contact Hexcel®.

| DESCRIPTION | | SI Units | US Units |
|----------------|------|----------------------|--------------------------|
| Type of yarns | Warp | T700SC 12K 50C | |
| | Weft | T700SC 12K 50C | |
| Nominal weight | | 192 g/m ² | 5.66 oz/sqy ² |
| Weave style | | TWILL 2/2 | |
| Width | | 1270 mm | 50 in |

| CHARACTERISTICS | | SI Units | US Units |
|----------------------|------|--------------|---------------|
| Nominal construction | Warp | 1.2 yarn/cm | 3.05 yarn/in |
| | Weft | 1.2 picks/cm | 3.05 picks/in |
| Weight distribution | Warp | 50 % | |
| | Weft | 50 % | |
| Thickness (*) | | 0.2 mm | 0.008 in |

For more informations

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

- HexTow® carbon fibers
- HexForce® reinforcements
- HiMax™ multiaxial reinforcements
- HiTape™ advanced reinforcements
- HexPly® prepregs
- HexMC® molding compounds
- HexFlow® RTM resins
- Redux® adhesives
- HexTool® tooling materials
- HexWeb® honeycombs
- Acousti-CAP® sound attenuating honeycomb
- Engineered core
- Engineered products

For US quotes, orders and product information call toll-free 1-800-688-7734. For other worldwide sales office telephone numbers and a full address list, please go to:

<http://www.hexcel.com/contact/salesoffice>

© 08/08/2017 | Hexcel Corporation - All rights reserved. Hexcel Corporation and its subsidiaries ("Hexcel") believe that the technical data and other information provided herein was materially accurate as of the date this document was issued. Hexcel reserves the right to update, revise or modify such technical data and information at any time. Any performance values provided are considered representative but do not and should not constitute a substitute for your own testing of the suitability of our products for your particular purpose. HEXCEL MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND DISCLAIMS ANY LIABILITY ARISING OUT OF OR RELATED TO, THE USE OF OR RELIANCE UPON ANY OF THE TECHNICAL DATA OR INFORMATION CONTAINED IN THIS DOCUMENT.