



# PrimeTex<sup>®</sup> HS12K CARBON FABRIC

## 48192 C 1270 S 99.8%



Product Data Sheet

### Textile Reinforcement for High Performance Composite

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

DESCRIPTION		SI Units	US Units
Type of yarns	Warp	T700SC 12K 50C	
	Weft	T700SC 12K 50C	
Nominal weight		192 g/m <sup>2</sup>	5.66 oz/sq <sup>2</sup>
Weave style		PLAIN WEAVE	
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

\*NB : The above average values are obtained with laminate at 55% of fibres in volume.

#### Other Informations

Maximum open factor values individuals 0.2%

#### For more informations

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

- HexTow<sup>®</sup> carbon fibers
- HexForce<sup>®</sup> reinforcements
- HiMax<sup>™</sup> multiaxial reinforcements
- HiTape<sup>™</sup> advanced reinforcements
- HexPly<sup>®</sup> prepregs
- HexMC<sup>®</sup> molding compounds
- HexFlow<sup>®</sup> RTM resins
- Redux<sup>®</sup> adhesives
- HexTool<sup>®</sup> tooling materials
- HexWeb<sup>®</sup> honeycombs
- Acousti-CAP<sup>®</sup> 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>

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