



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/sq 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

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

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>

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