



Textile Reinforcement for High Performance Composite

HexForce® reinforcements are available in a range of weave styles – from woven fabrics to multiaxials and specialties that offers a range of globally certified aerospace / industrial products in carbon, glass and aramid and specialty fibers that we sell under the HexForce® trademark.

| DESCRIPTION | | SI Units | US Units |
|--------------------|------|-------------------------------------|--------------------------|
| Type of yarns | Warp | HexTow AS4C GP 3K / TWARON 1210DTEX | |
| | Weft | HexTow AS4C GP 3K / TWARON 1210DTEX | |
| Nominal weight | | 210 g/m ² | 6.19 oz/sqy ² |
| Weave style | | TWILL 2/2 | |
| Width | | 1250 mm | 49.2 in |
| Finish type | | | |
| Finish description | | | |

| CHARACTERISTICS | | SI Units | US Units |
|----------------------|------|---------------------------|-----------------------|
| Nominal construction | Warp | 2.2 - 4.4 yarn/cm | 5.58 - 11.17 yarn/in |
| | Weft | 2.2 - 4.4 picks/cm | 5.58 - 11.17 picks/in |
| Weight distribution | Warp | Carbone 22 % / Aramide 28 | |
| | Weft | Carbone 22 % / Aramide 28 | |
| Thickness (*) | | 0.22 mm | 0.009 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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