



## 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 | EC9 68                         |                          |
|                    | Weft | EC9 68                         |                          |
| Nominal weight     |      | 155 g/m <sup>2</sup>           | 4.57 oz/sqy <sup>2</sup> |
| Weave style        |      | PLAIN WEAVE                    |                          |
| Width              |      | 70 mm                          | 2.8 in                   |
| Finish type        |      | TF302                          |                          |
| Finish description |      | UNCOMBUSYIBLE WEAVELOCK FINISH |                          |

| CHARACTERISTICS      |      | SI Units      | US Units    |
|----------------------|------|---------------|-------------|
| Nominal construction | Warp | 11.8 yarn/cm  | 30 yarn/in  |
|                      | Weft | 10.7 picks/cm | 27 picks/in |
| Weight distribution  | Warp | 52 %          |             |
|                      | Weft | 48 %          |             |
| Thickness (*)        |      | 0.12 mm       | 0.005 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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