



HYPETEX® JET BLACK 8.85OZ/300GSM FLAX TWILL MODEL #: F-10697-39

Product Description: Hypetex Jet Black 320gsm Flax Twill

Fibre Description: Flax – 300 tex no twist

Issue Date: 13/04/2021

PHYSICAL PROPERTIES

Weight (base material): $300 \pm 2\%$ g/m²

Weight (colour): $20 \pm 5\%$ g/m²

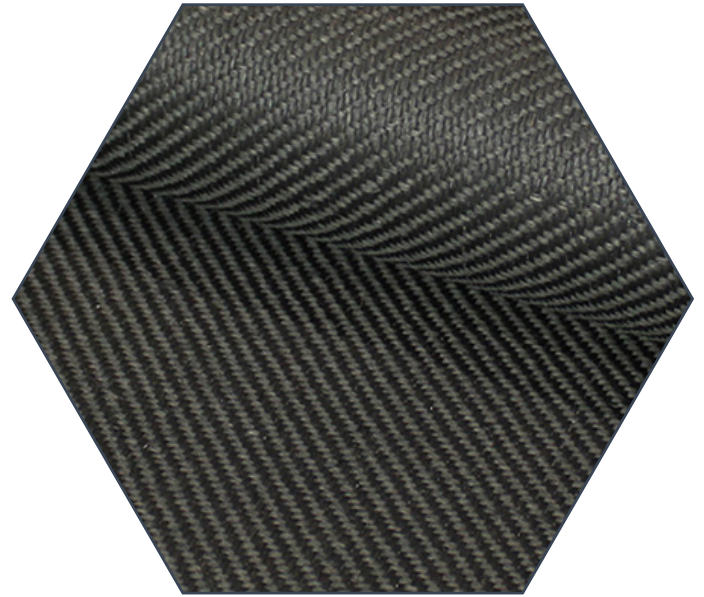
Weight (total): $320 \pm 5\%$ g/m²

Width: $1000 \pm 5\%$ mm

Indicative Thickness: $0.53 \pm 2.5\%$ mm

KEY PERFORMANCE ADVANTAGES

- Viscoelastic behaviour providing very efficient vibration damping
- Excellent inherent compatibility with thermosets via covalent bonding
- Very low CTE, hence high thermoelastic compatibility with carbon fibres
- Highly radio-transparent across the entire RF spectrum (1 - 40 GHz) even in thick laminates
- CO₂ sequestrator: the emissions related to process energy from the flax seed to the Flax roll are offset by the sequestration at growth via photosynthesis (1.65 kg of CO₂ sequestered / kg fibre)



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