

<b>Product Code</b>	<b>HYP-Red-320-FT-P-B</b>
<b>Product Description:</b>	Hypetex Red 320gsm Flax Twill
<b>Fibre Description:</b>	Flax – 300 tex no twist
<b>Issue Date:</b>	13/04/2021

### Physical Properties

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<b>Weight (base material):</b>	300 ± 2% g/m <sup>2</sup>
<b>Weight (colour):</b>	20 ± 5% g/m <sup>2</sup>
<b>Weight (total):</b>	320 ± 5% g/m <sup>2</sup>
<b>Width:</b>	1000 ± 5% mm
<b>Indicative Thickness:</b>	0.53 ± 2.5% mm

### Key Performance Advantages

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- 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
- CO<sub>2</sub> 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 CO<sub>2</sub> sequestered / kg fibre)

### Safety Instruction and Storage

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For comprehensive Health, Safety and Environmental advice, please refer to the relevant Material Safety Data Sheet and Storage and Handling Guide.

**Important:** All properties are average values given for indication. Values are not intended for use as a specification. Information given in this document is based on the present knowledge of the technical properties of our product. All information is believed to be accurate but is given without acceptance of liability. Users should make their own assessment of the suitability of any product for the purposes required. Information contained in the present document refers to the product specifically indicated and cannot be valid in combination with other products. All sales are subject to our standard terms of sale which include limitations on liability and other important terms.

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