

## WOVEN FABRIC TECHNICAL DATA SHEET

**Product Reference:** GV – 400 U TFX

| Characteristics    |                  | Nominal     | Tolerance | Normative    |
|--------------------|------------------|-------------|-----------|--------------|
| Mass per unit area | g/m <sup>2</sup> | 418         | ± 5%      | ISO 4605     |
| Weave              |                  | Plain       |           | ISO 2113     |
| Width              | mm               | 500/1000    | ± 2,5%    | ISO 22198    |
| Thickness          | mm               |             | ± 2,5%    | ISO 5084(**) |
| Other information  |                  | Thermofixed |           |              |

| Nominal Construction |                  | Warp                             |          | Weft                                    |                     |
|----------------------|------------------|----------------------------------|----------|---|---------------------|
| Fibre Description    |                  | HR Carbon Fibre<br>12K – 800 tex |          | Glass yarn + Thermoplastic<br>1100 dtex |                     |
| Thread Count         | ends/cm          | 5,0                              | ISO 4602 | 1,6                                     | ISO 4602            |
| Weight Distribution  | g/m <sup>2</sup> | 12K                              | 400      | Glass yarn<br>+<br>Thermoplastic        | 18                  |
|                      | %                | Carbon                           | 96%      |   | 4%                  |
| Selvedges            |                  | Weaving style                    | Leno     | Type of fibre                           | HM polyester 22 tex |

(\*\*) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume.

**Note:** Technical information furnished is based on laboratory findings and believed to be correct. No warranties of any kind are made except that the materials supplied are of standard quality. All risk and liabilities arising from handling, storage and use of products, as well as compliance with applicable legal restrictions, rests with the user.