

Since many years, SELCOM has been manufacturing a comprehensive range of high quality Engineered NON CRIMP FABRICS (NCFs or multi-axial reinforcements) using fibers of the best brands the Composites Market offers.

Beginning of 2011, SELCOM has also installed a new production line using a state-of-the-art technology, for the production of ULTRA-LIGHTWEIGHT CARBON MULTI-AXIAL FABRICS, suitable for PRE-PREGS, Wet-Preg, Infusion, RTM, hand-layup...

Achievable Fiber Orientations: 0°/±30°/±45°/±60°/90°

carbon fabrics

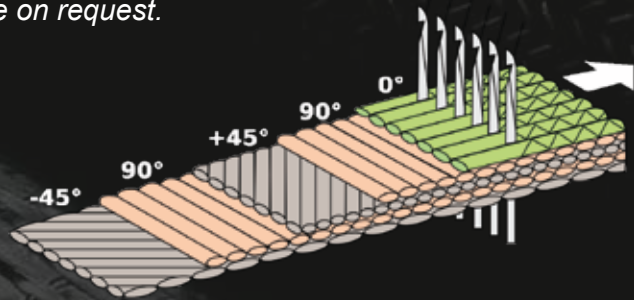
| CARBON | | 0° | +45° | -45° | 90° | Stitching | Weight |
|-----------|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| STD. ITEM | | Gr/M ² | Gr/M ² | Gr/M ² | Gr/M ² | Gr/M ² | Gr/M ² |
| CBX50 | BIAXIAL ±45° | - | 18 | - | 18 | 5 (16 Adhesive) | 57 |
| CBX70 | | - | 35 | - | 35 | 5 (18 Adhesive) | 93 |
| CBX150 | | - | 75 | - | 75 | 5 | 155 |
| CBX200 | | - | 100 | - | 100 | 5 | 205 |
| CBX300 | | - | 150 | - | 150 | 5 | 305 |
| CBX400 | | - | 200 | - | 200 | 5 | 405 |
| CBX600 | | - | 300 | - | 300 | 4 | 604 |
| CBXS150 | BIAXIAL 0°90° | 75 | - | 75 | - | 6 | 156 |
| CBXS200 | | 100 | - | 100 | - | 6 | 206 |
| CBXS400 | | 200 | - | 200 | - | 6 | 406 |
| CBXS600 | | 300 | - | 300 | - | 6 | 606 |
| CTXL450 | TRIAX 0°±45° | 150 | 150 | 150 | - | 9 | 459 |
| CTXL600 | | 200 | 200 | 200 | - | 9 | 609 |
| CTXL800 | | 300 | 250 | 250 | - | 9 | 809 |
| CQX400 | QUADRIAX | 100 | 100 | 100 | 100 | 6 | 406 |
| CQX600 | | 150 | 150 | 150 | 150 | 7 | 607 |
| CQX800 | | 200 | 200 | 200 | 200 | 7 | 807 |
| UNIC200 | UNIDIR. 0° | 200 | - | - | 40 | 6 | 246 |
| UNIC300 | | 300 | - | - | 40 | 9 | 349 |

Standard Fabric Width : 1270 mm

Standard Roll Length : 50 lm (= 63,5 sqm). Custom length available on request.

We also provide the following services :

- CUT fabrics into TAPES (starting from 5 cm);
- ADD woven / nonwovens / surface finish mats etc. onto the fabric;
- DISTINCTIVE COLORED YARNS for visual identification ;
- CARBON UD tapes (woven style from 20 mm);
- FAST production and deliveries;
- PACKAGING: standard or customized;
- LOGISTICS : road/sea/air freight; Others...



COMPOSITE FABRIC SOLUTIONS FOR YOUR PROJECTS

Via della Torre N. 17 - 31010 FREGONA (TV) ITALY

Phone: +39 0438 585166 - Fax: +39 0438 585172

WebSite: www.selcom-srl.com - E-mail: info@selcom-srl.com

COMPOSITE GLASS FABRIC SOLUTIONS

SELCOM multiaxials can be constructed from 2 up to 6 layers of unidirectional parallel fibres in standard width 1270mm or 2540mm. Fibre orientations per single layer, apart from the longitudinal 0° direction, can range from +30° to +150°.

A MAT or a VEIL or other reinforcement may be even stitched to the outer surface of fabric or added between the layers.. The company can manufacture NCFs that can be Balanced, Unbalanced, Stabilised, Symmetrically oriented, also available in High Drap (HD) and Very High Drap (VHD) configuration.

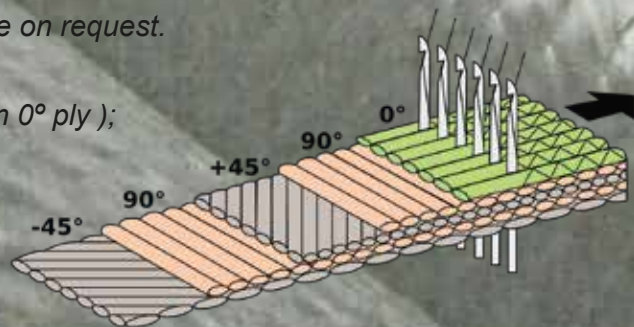
glass fabrics

| E-GLASS | | 0° | +45° | 90° | -45° | Stitching | Weight |
|-----------------|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| STD. ITEM | | Gr/M ² | Gr/M ² | Gr/M ² | Gr/M ² | Gr/M ² | Gr/M ² |
| EBX200 | BIAXIAL ±45° | - | 100 | - | 100 | 13 | 213 |
| EBX250 | | - | 125 | - | 125 | 14 | 264 |
| EBX300 | | - | 150 | 13 | 150 | 8 | 321 |
| EBX400 | | - | 200 | - | 200 | 6 | 408 |
| EBX500 | | - | 252 | - | 252 | 8 | 512 |
| EBX600 | | - | 300 | - | 300 | 6 | 608 |
| EBX800 | | - | 400 | - | 400 | 6 | 807 |
| EBX900 | | - | 450 | - | 450 | 6 | 907 |
| EBX1000 | | - | 503 | 14 | 503 | 7 | 1027 |
| EBX1200 | | - | 597 | - | 597 | 6 | 1201 |
| EBXS250 | BIAXIAL 0°90° | 142 | - | 111 | - | 9 | 262 |
| EBXS300 | | 150 | - | 167 | - | 13 | 330 |
| EBXS400 | | 210 | - | 188 | - | 13 | 411 |
| EBXS600 | | 300 | - | 300 | - | 12 | 612 |
| EBXS800 | | 413 | - | 385 | - | 11 | 808 |
| EBXS1200 | | 590 | - | 610 | - | 9 | 1209 |
| EBXS1600 | | 884 | - | 718 | - | 6 | 1608 |

* MAT available: 50 gr/M² up to 300 gr/M²
 VEIL available: 30 gr/M²

Standard Fabric Width : 1270 mm - 2540 mm
 Standard Roll Length : 50 lm (= 63,5 sqm). Custom lenght available on request.

We also provide the following services :
 CUT fabrics into TAPES (starting from 5 cm); TAPERED EDGES (on 0° ply);
 ADD woven / nonwovens / surface finish mats etc. onto the fabric;
 DISTINCTIVE COLORED YARNS for visual identification ;
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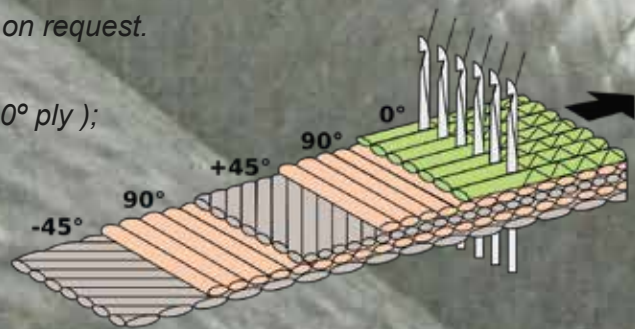
glass fabrics

| E-GLASS | | 0° | +45° | 90° | -45° | Stitching | Weight |
|-----------|-------------------|-------|-------|-------|-------|-----------|--------|
| STD. ITEM | | Gr/M² | Gr/M² | Gr/M² | Gr/M² | Gr/M² | Gr/M² |
| ETXL400 | TRIAXIAL ±45°/90° | 147 | 134,5 | - | 134,5 | | 431 |
| ETXL500 | | 177 | 166 | - | 169 | 15 | 527 |
| ETXL600 | | 207 | 198 | - | 198 | 15 | 618 |
| ETXL690 | | 207 | 235 | - | 235 | 15 | 692 |
| ETXL750 | | 266 | 241 | - | 241 | 9 | 757 |
| ETXL800 | | 266 | 265 | - | 265 | 11 | 796 |
| ETXL900 | | 300 | 302,5 | - | 302,5 | 9 | 914 |
| ETXL1200 | | 449 | 377,5 | - | 377,5 | 9 | 1213 |
| EQX600 | QUADRIAXIAL | 177 | 122 | 133 | 193 | 13 | 638 |
| EQX800 | | 213 | 195 | 200 | 195 | 9 | 812 |
| EQX1000 | | 265 | 241 | 259 | 241 | 9 | 1015 |
| EQX1200 | | 300 | 303 | 297 | 303 | 9 | 1212 |
| EQX2400 | | 590 | 602 | 600 | 602 | 9 | 2403 |

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VEIL available: 30 gr/M²

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