

reinforcing solutions

Resoltech offers a wide range of cost effective dry reinforcements to the composite industry.

Fibres available: E glass, aramid, carbon and hybrids.

Resoltech offers the following products:

- **Woven fabrics.**
- **Non-crimp unidirectionals.**
- **Woven unidirectionals.**
- **Non-crimp Multiaxials.**
- **Multiaxial tapes.**

In addition to these, Resoltech also supplies custom products for specific applications.

Resoltech also offers reinforcements suitable for infusion and injection through the laminate.



GLASS PRODUCTS

E glass remains the main reinforcement in the composite world, providing an excellent compromise between performance, cost and ease of application.

03EGT48/96	48 G/M ²	96cm	PLAIN WEAVE
03EGT70/110	70 G/M ²	110cm	PLAIN WEAVE
03EGT106/96	106 G/M ²	96cm	PLAIN WEAVE
03EGT155/82	155 G/M ²	82cm	PLAIN WEAVE
03EGC125/80	125 G/M ²	80cm	PLAIN WEAVE
03EGS160/100	160 G/M ²	100cm	TWILL WEAVE
03EGK200/80	200 G/M ²	80cm	PLAIN WEAVE
03EGS200/120	200 G/M ²	120cm	TWILL WEAVE
03EGT277/100	277 G/M ²	100cm	PLAIN WEAVE
03EGS300/124	300 G/M ²	124cm	TWILL WEAVE
03EGS390/100	390 G/M ²	100cm	TWILL WEAVE
03EUD250	250 G/M ²	25 and 50cm	NON CRIMP UD
03EUD500	500 G/M ²	25 and 50cm	NON CRIMP UD
03EUD800	800 G/M ²	25 and 50cm	NON CRIMP UD

03EDB300/127	300 G/M ²	DOUBLE BIAS	+/- 45°
03EDB400/127	400 G/M ²	DOUBLE BIAS	+/- 45°
03EDB600/127	600 G/M ²	DOUBLE BIAS	+/- 45°
03EDB800/127	800 G/M ²	DOUBLE BIAS	+/- 45°
03EBA400/127	400 G/M ²	BI-AXIAL	0/90°
03EBA600/127	600 G/M ²	BI-AXIAL	0/90°
03EDBL630/127	630 G/M ²	TRIAXIAL	+/- 45° / 0°
03EDBL1200/127	1200 G/M ²	TRIAXIAL	+/- 45° / 0°
03EQX600/127	600 G/M ²	QUADRIAXIAL	+/- 45° / 0° /90°
03EQX1200/127	1200 G/M ²	QUADRIAXIAL	+/- 45° / 0° /90°

Double bias tapes (+/- 45°) are available in Eglass and carbon.
Widths available: 100mm, 150mm, 200mm.
Finish: polyester, vinylester and epoxy.

ARAMID PRODUCTS

Aramid provides excellent tensile and impact properties together with a low weight. Aramid reinforcements are mostly used locally in conjunction with other fibres.

03AT120/120	120 G/M ²	PLAIN WEAVE	120cm
03AT175/120	175G/M ²	PLAIN WEAVE	120cm
03AS175/120	175 G/M ²	TWILL WEAVE	120cm
03AS300/120	300G/M ²	PLAIN WEAVE	120cm
03AUD600/500	600G/M ²	UD	50cm
03ADB450/127	450G/M ²	DOUBLE BIAS	+/- 45°

HYBRID PRODUCTS

03EAUD600/500	600 G/M ²	UD	Aramid/Glass
03EAS250/100	250 G/M ²	PLAIN WEAVE	Aramid/Carbon



CARBON PRODUCTS

Carbon has become affordable and is the leading choice for high performance composite structures. Light, excellent in tension and compression, the fiber enables creators and engineers to push the envelope further and build the most advanced structures.

Below is a list of standard products. We offer unlimited combinations of unidirectional products: fiber type, tex, width, weight and construction.

03C3T193/100	190 G/M ²	CARBON 3K	PLAIN WEAVE
03C3TSE193/100	190G/M ²	CARBON 3K	TWILL WEAVE
03C12S650/100	650G/M ²	CARBON 12K	TWILL WEAVE
03CUD100	CARBON 6K	100 G/M ²	NON CRIMP UD
03CUD125	CARBON 12K	125 G/M ²	NON CRIMP UD
03CUD165	CARBON 24K	165G/M ²	NON CRIMP UD
03CUD200	CARBON 12K	200 G/M ²	NON CRIMP UD
03CUD250	CARBON 12K	250 G/M ²	NON CRIMP UD
03CUD400	CARBON 12K	400 G/M ²	NON CRIMP UD
03CUD500	CARBON 12K	500 G/M ²	NON CRIMP UD
03CUD600	CARBON 12K	600 G/M ²	NON CRIMP UD
03CUD800	CARBON 12K	800 G/M ²	NON CRIMP UD
03 CDB300/127	CARBON 12K	300 G/M ²	+/- 45°
03CDB400/127	CARBON 12K	400 G/M ²	+/- 45°
03CDB600/127	CARBON 12K	600 G/M ²	+/- 45°
03CBA440/127	CARBON 12K	440 G/M ²	0/90° BIAXIAL
03CBA1350/127	CARBON 24K	1350 G/M ²	0/90° BIAXIAL
03CDBL450/127	CARBON 12K	450 G/M ²	0/+/- 45°
03CDBL600/127	CARBON 12K	600 G/M ²	0/+/- 45°

UDs available in widths from 10 to 50cm.

Resoltech also produces custom reinforcements on special order.

Different carbon yarns available.



For updates, please visit www.resoltech.com



The above list of products and services is not exhaustive. Please check with the sales department should you be unable to find the product or service you need. Resoltech reserves the right to amend this list without prior notice.

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