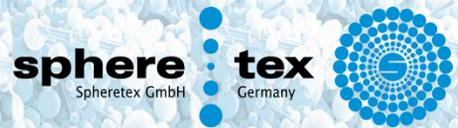


# Custom pre-assembled materials



How does Spheretex provide custom-made products meeting your unique requirements?

Spheretex is well equipped with specialized machinery and expertise to manufacture customized items according to individual requests. Nearly infinite possibilities exist to combine various plies of reinforcement materials, core materials and surfacing veil.

## Process capabilities:

- Cutting: Our on-line and off-line cutting devices are well-adjusted to precisely cut the required width and roll length.
- Stitching: Various plies of materials can be stitched together with synthetic fibers to create custom-made one-layer combination materials. Machine parameters are easily adjustable to meet your requirements in terms of stitch type, stitch length etc. A layer of PAN veil can be added to improve surface cosmetics of your laminate and we can stitch together various short-fiber materials to make combination materials with excellent drapability.
- Adhesive Bonding: Pre-cut items are bonded together by adhesive and can easily be handled and placed into the mold for further processing. Standard capacity for adhesively bonded materials is 6,5 m x 2,5 m. Bigger sizes available upon request.
- Die-cutting: Custom-made stamping dies are used to shear two-dimensional materials in the desired shape. Die molds can be designed to slice through one piece of material or multiple layers, generating a large number of the same shape efficiently and with minimal waste.
- Packaging: Pre-cut items (e.g. repair kits of chopped strand mat, woven roving, veils and core materials etc.) are prepared, packed and labelled according to your individual requirement.

## Benefits for you:

Our ready-to-use pre-assembled material kits help you save time and costs by eliminating a great deal of preparatory work. This reduces your cycle and delivery times.



When you simply need the best

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