

OCV™ Technical Fabrics

OCV™ Technical Fabrics provides high-value-added solutions for demanding commercial and industrial applications. In its 10 factories, located in eight countries, OCV™ Technical Fabrics manufactures a comprehensive glass, carbon and hybrid product range including:

- A variety of 3D fabric reinforcements for closed-mold processes
- Multiaxial, woven and unidirectional carbon and aramid fibers with a dedicated aerospace-approved manufacturing facility
- Multiaxials, knits and combinations made with two or more layers of unidirectional fibers stitched together with a light polyester thread; also available are multiaxials that are powder-bonded instead of stitched
- Specialty mats made with chopped glass fibers with either a universal silane sizing or special sizings for thermoplastic or phenolic resins
- Unidirectionals and combinations of stitched, woven and hot-melt reinforcements in full width or tape form
- Woven roving (WR) fabrics and combinations made with glass and/or other fibers, based on direct, assembled or texturized roving
- A complex of WR and chopped strand mat (CSM) either powder-bonded or mechanically stitched with a fine polyester or glass yarn without chemical binder

OCV™ Technical Fabrics is also developing advanced solutions to help its customers transform markets with new applications. A prime example is Ultrablade™ fabric developed to enable customers to produce longer and lighter wind blades.

The Technical Fabrics business is also working on solutions for the in-situ relining of pressurized pipe and fabrics for thermoplastic composites. Cured-in-place pipe (CIPP) relining uses winding and folding technology with oriented-chop fabrics and woven roving mat fabrics.

The business also has a fabrics excellence center at its facility in Zele, Belgium. The 5,500-square-meter (about 60,000 square feet) facility has both pilot- and full-scale state-of-the-art production equipment for developing, testing and evaluating new fabric technologies before production and use in customer processes.