

# UNICOMPLEX® C526

FOR PULTRUSION



## DESCRIPTION

**Unicomplex® C526** is a complex product composed by a layer of UNIFILO® (Advantex® glass Continuous Filaments Mat) and a layer of polyester veil, stitched together by synthetic yarn.

It can be compatible with polyester, vinyl ester, epoxy, phenolic and polyurethane resins.

Owens Corning is able to produce different kinds of Unicomplex® product upon demand, according to customers' needs.

## BENEFITS

- Easy to use
- Good surface aspect
- Strong resistance during impregnation
- Reduces mold wear
- **Superior corrosion resistance with Advantex® Glass compared to standard E-glass:** Advantex® Glass helps with enhanced life and service life strength in applications facing corrosion. For additional information on Advantex® glass use the link below: <http://composites.owenscorning.com/aboutAdvantex.aspx>



## APPLICATIONS

**Unicomplex®** mats are designed for ease of use in demanding pultrusion processes where a veil is required to reduce die wear and/or improve the surface appearance. By integrating the veil, Unicomplex® mat reduces preparation time and eliminates the risk of the veil, in complex pultrusion profiles.



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## CONTINUOUS FILAMENTS MAT

**AVAILABILITY** – Not all products are available in all regions. Additional weights and widths are available upon request

Area Weights (g/m <sup>2</sup> )	Roll Width (cm)
350	127 – 138
500	138

## PACKAGING

Nominal Mat Width (cm)	Roll Diameter (cm)	Rolls Per Pallet	Pallet Size (cm)
106 – 205	55	4	114 × 114 (H + 15)

Each roll is wound up on a 103 mm internal diameter cardboard tube and wrapped with a transparent stretch film. Rolls are positioned vertically on each pallet and fully wrapped in stretch film.

## LABELLING

Each roll bears a label detailing the product description, product code, nominal weight, roll width, roll number, date of manufacture, and time of manufacture.

## STORAGE

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. The best conditions are at a temperature between 10C and 35C and a relative humidity between 35% and 85%. The glass fiber products must remain in their original packaging material until the point of usage. If the storage temperature is below 15C, it is recommend that the product be stored in the workshop, within its original packaging, at least 24 hours prior to use to prevent condensation. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. When stored properly, retesting is advised after three years from the initial production date to insure optimum performance

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