CNCGLASS
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Peel Ply for Vacuum Infusion

CNCGLASS peel ply for vacuum infusion is a clean release fabric placed against the laminate while the part is under vacuum. After the resin has cured, the cloth peels away and leaves a uniformly textured face that is ready for secondary bonding, coating, or further assembly.

The range is woven from high-strength PA66, PA6, or PET yarns so the fabric can be matched to the process temperature and the resin system in use. Every roll is thoroughly rinsed and heat-set, so the cloth stays free of surface contamination and the peeled laminate develops a consistent roughness. The fabric has high tensile strength and good tear resistance, and it separates cleanly from the cured part.

Product Photographs



Peel ply rolls with red tracer yarns



Peel ply rolls with red and blue tracer yarns

Features

- High-strength polyester (PET), PA6, and PA66 yarns cover a useful spread of process temperatures.
- Strict rinsing and high-temperature heat-setting keep the fabric clean and help the peeled surface develop even roughness.
- High tensile strength, good tear resistance, and straightforward peeling from the cured laminate.

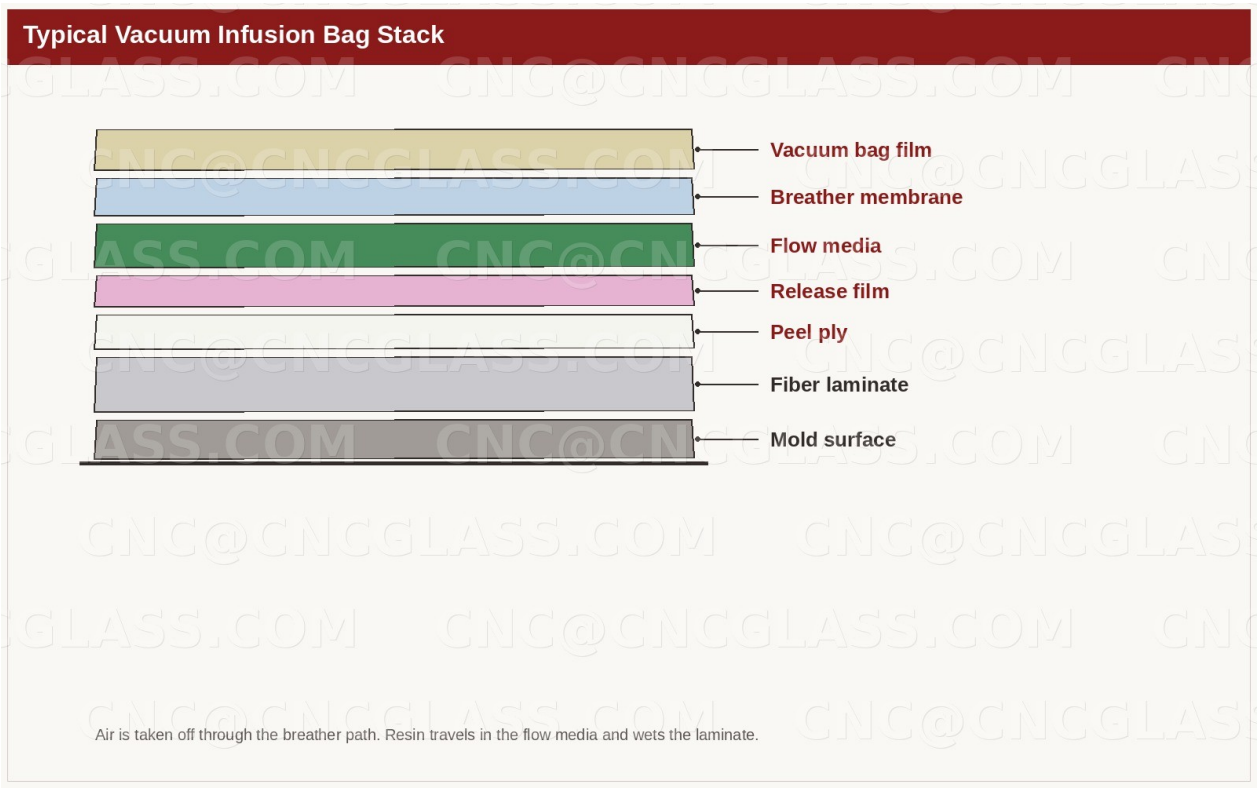
Typical Uses

Typical end uses include vacuum processing of wind-turbine blades, marine structures, and aerospace composite parts, as well as other fiber-reinforced moldings that need a bond-ready surface once the bag is removed. The PA6 grades rated to 210 °C are intended for vacuum processing. PA66 grades rated to 230 °C are intended for pultrusion and prepreg molding, and PET grades are listed at 180 °C.

Grades

Material	Areal weight (g/m²)	Max. recommended use temperature (°C)	Typical process
PA66	85	230	Pultrusion, prepreg molding
PA66	105	230	Pultrusion, prepreg molding
PA6	85	210	Vacuum process
PA6	105	210	Vacuum process
PET	85	180	—
PET	105	180	—

Process Schematic



A typical vacuum infusion stack. Peel ply sits against the laminate so the bagging layers release cleanly.

Commercial Notes

This catalog does not list prices. Please contact cnc@cncglass.com for current pricing, available widths, cut sizes, and supply terms.

Contact Us

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We welcome inquiries on grades, roll sizes, and process-matching advice.