CNCGLASS
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Breather Membrane

CNCGLASS breather membrane is a nano-structured gas-liquid separation film formed on a support. Air and other gases can pass through the membrane, while liquid resin is held back.

In vacuum-assisted resin infusion (VARI), the membrane lets air be drawn off continuously without letting the resin escape the laminate. It is particularly well suited to wind-blade infusion, where a one-way breathable layer helps keep vacuum throughout the fill and cure.

Product Photographs



Breather membrane rolls



Breather membrane roll, unrolled face

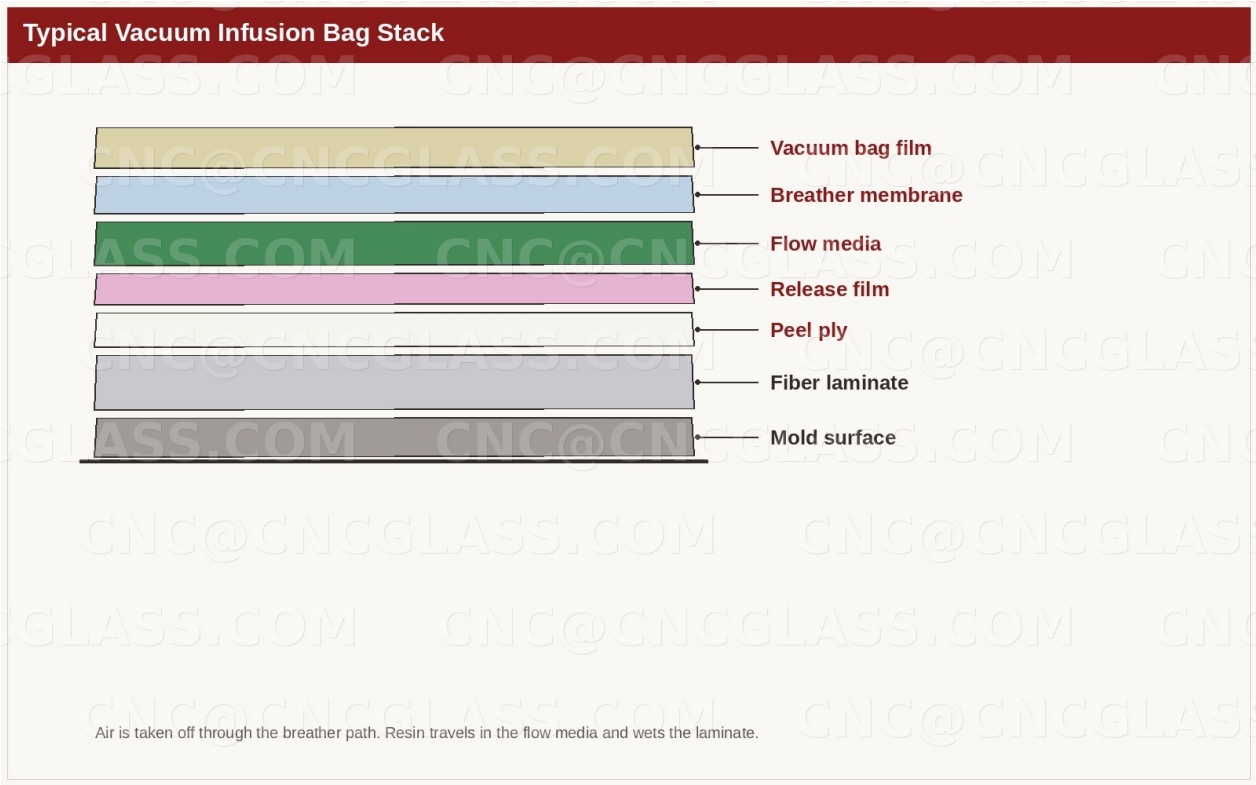
Features

- Nano-structured breathable layer on a support, acting as a gas-liquid separation membrane.
- Allows air to be evacuated continuously while blocking liquid resin.
- Intended for vacuum infusion (VARI) and especially recommended in blade production as a one-way breathable film.

Typical Uses

Use the membrane in the vacuum path of an infusion bag where air must keep moving and resin must stay in the fiber pack. Please ask so the membrane can be matched to the process window.

Process Schematic



In a typical vacuum infusion stack, the breather membrane provides the air path under the bag film.

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.