CNCGLASS
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Vacuum Bag Film

CNCGLASS vacuum bag film is a nylon bagging film for vacuum infusion, vacuum introduction, oven cure, and autoclave work. Two temperature grades are offered, and they share the same thickness range and mechanical envelope.

The 150 °C economical grade is a light-yellow, transparent, five-layer co-extruded nylon film. It is soft and flexible, and it keeps that flexibility even in cold weather. Elongation, thermal stability, tensile strength, and tear resistance are all high. The grade is used with unsaturated polyester, vinyl ester, and epoxy systems in vacuum introduction and vacuum infusion, and is a typical choice on marine parts and wind-turbine blades.

The 204 °C high-temperature grade is a nylon vacuum bag film rated to 204 °C. It has high tensile strength, holds a good vacuum barrier under heat and pressure, and can be used in a curing oven or an autoclave with a wide range of resin systems.

Product Photographs



Light-yellow vacuum bag film roll



Vacuum bag film rolls, standing pair

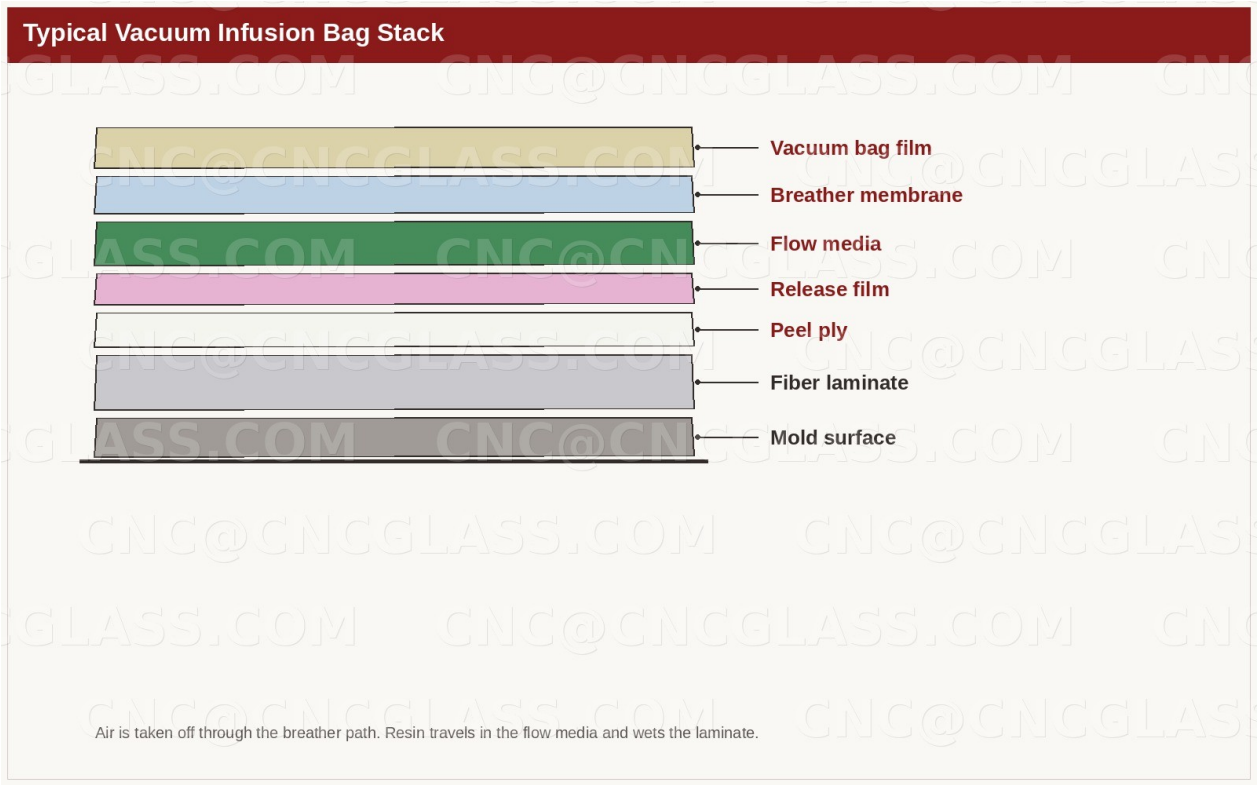


Vacuum bag film rolls, angled view

Specifications

Property	Value
Thickness	0.050, 0.065, 0.075 mm
Color	Yellowish / green
Elongation	> 400%
Tensile strength	> 40 MPa
Tear strength	> 100 N/cm
Density	0.97–1.15 g/cm^3
Temperature resistance	150 °C / 204 °C

Process Schematic



In a typical vacuum infusion stack, the bag film is the outer airtight layer over the breather path.

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.