

CNCGLASS



CNCGLASS composite flow mesh with release film (roll) — green mesh + red film, watermarked.

CNCGLASS Product Catalog

Composite Flow Mesh with Release Film 120 °C — Integrated Vacuum Infusion Resin Distribution Mesh for Composites

English

Composite flow mesh with bonded release (isolation) film — integrated mesh structure for vacuum infusion of composites; flow-mesh layer areal weight 160 g/m², width 1.2 / 1.5 / 2 m × length 100 m; release-film layer thickness 30 μm, max use temperature 120 °C; resin permeates evenly and quickly; raises productivity / mold utilization; reduces defects from multi-layer auxiliary layup; custom sizes available.

CNCGLASS | www.cncglass.com

Product List Edition

CNC Ucolin Interlayer Technology Co., Ltd. · SHENZHEN, GD, CHINA

CNCGLASS · Product List / Specifications

CNCGLASS composite flow mesh with release film combines traditional flow / distribution mesh with a bonded release (isolation) film into one mesh structure. Resin permeates evenly and quickly to all part areas during vacuum infusion of composites. The integrated layer raises productivity and mold utilization, and reduces defects that can appear when multiple auxiliary layers are laid separately. Flow-mesh layer: areal weight 160 g/m²; width 1.2 / 1.5 / 2 m; length 100 m. Release-film layer: thickness 30 μm; max use temperature 120 °C. Custom sizes available from CNCGLASS on request.

Specifications below. Commercial terms available on request.

Product	Specifications	Packing	Application
Composite Flow Mesh + Release Film 120 °C	Mesh 160 g/m ² · film 30 µm · 1.2/1.5/2 m × 100 m	Roll	Vacuum infusion of composites

Note: Integrated composite flow mesh with release (isolation) film for vacuum infusion. Custom width / length available. Please contact us for commercial terms.

To place an order or request a quotation, please email us at cnc@cncGlass.com. Our sales team will respond promptly with availability and lead time.

CNCGLASS · Datasheet of Composite Flow Mesh with Release Film 120 °C

Key properties of CNCGLASS composite flow mesh with release film for vacuum infusion of composites. Values below are published product facts for reference. Traditional flow / distribution mesh is combined with release film into one structure so resin permeates evenly and quickly; max use temperature 120 °C.

Property	Result	Note
Product type	Composite flow mesh + release film	Integrated mesh structure
Function	Resin distribution / flow + release	Vacuum infusion
Flow-mesh areal weight	160 g/m ²	Product fact
Flow-mesh width	1.2 / 1.5 / 2 m	Standard widths
Flow-mesh length	100 m	Standard roll length
Release-film thickness	30 µm	Isolation / release layer
Max use temperature	120 °C	Release-film layer rating
Resin permeation	Even and quick to all part areas	Raises wet-out consistency
Productivity	Higher mold utilization	One integrated layer
Layup defects	Reduced vs multi-layer auxiliaries	Fewer separate sheets
Process	Vacuum infusion of composites	Composite parts
Customization	Width / length on request	Custom available

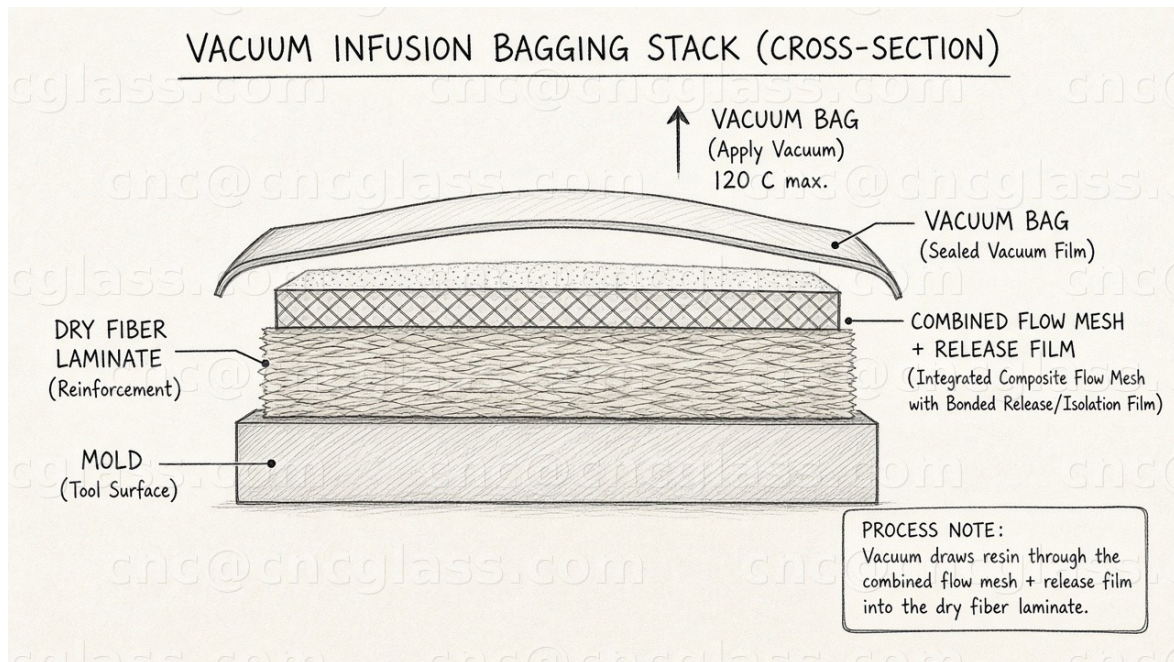
Datasheet values are typical published facts and may vary by batch. Please contact us for the latest test reports.

CNCGLASS · Storage

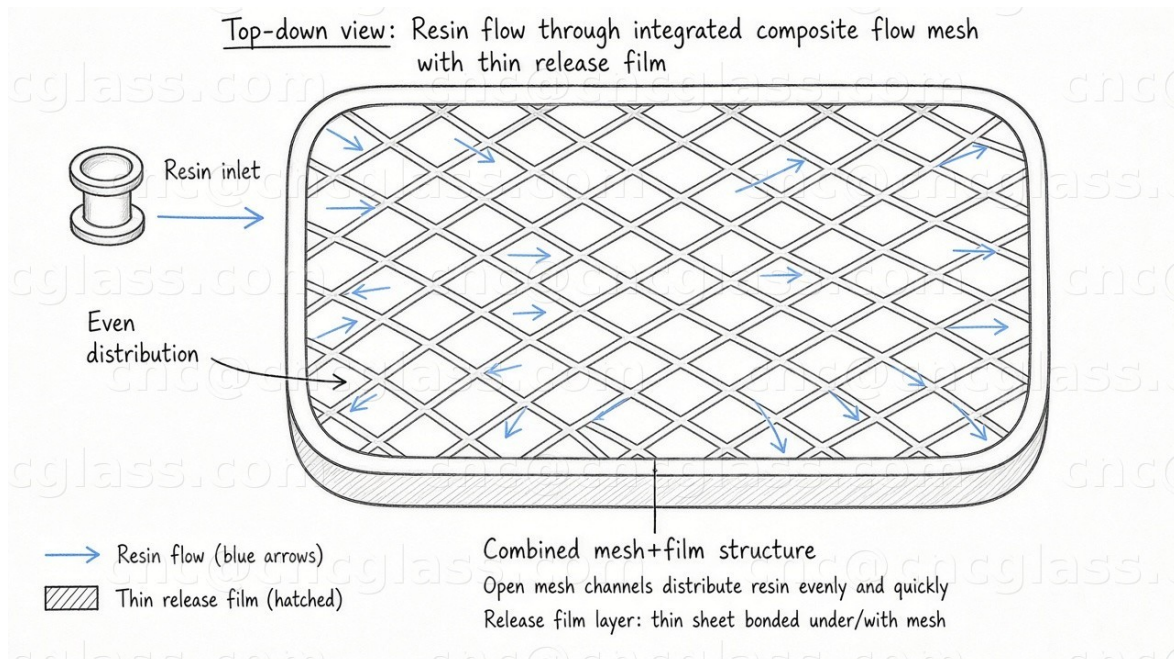
Store in a dry, clean environment. Keep away from heat sources. Do not expose to direct sunlight.

CNCGLASS · How It Works (Hand-Drawn Sketches)

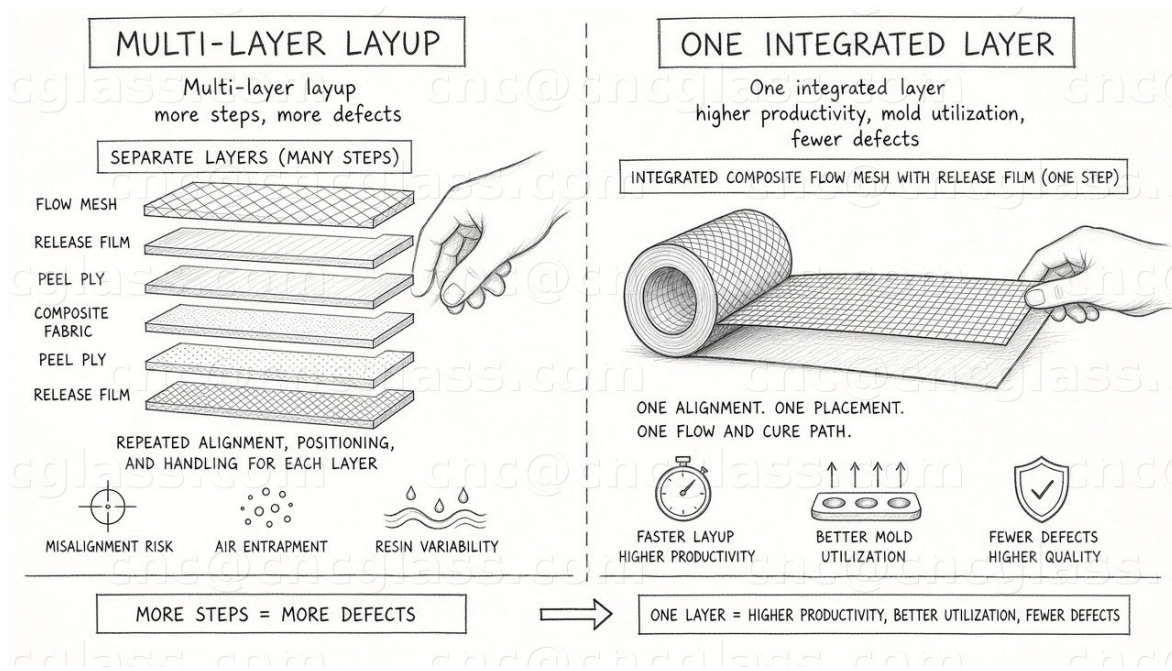
Educational hand-drawn sketches for composite shops. CNCGLASS composite flow mesh with release film sits as one integrated layer in the vacuum infusion stack — typically over the dry laminate and under the vacuum bag. Open mesh channels distribute resin evenly and quickly while the bonded release film provides isolation. Max use temperature 120 °C. Compared with laying separate flow mesh and release film sheets, one integrated layer raises productivity / mold utilization and reduces defects from multi-layer auxiliary layup.



Vacuum infusion stack (hand-drawn sketch): integrated composite flow mesh with release film in the bagging stack — service up to 120 °C; one combined layer over the dry laminate.



Resin distribution (hand-drawn sketch): open mesh channels in the combined mesh + film structure carry resin evenly and quickly across the part (160 g/m² mesh / 30 µm film).



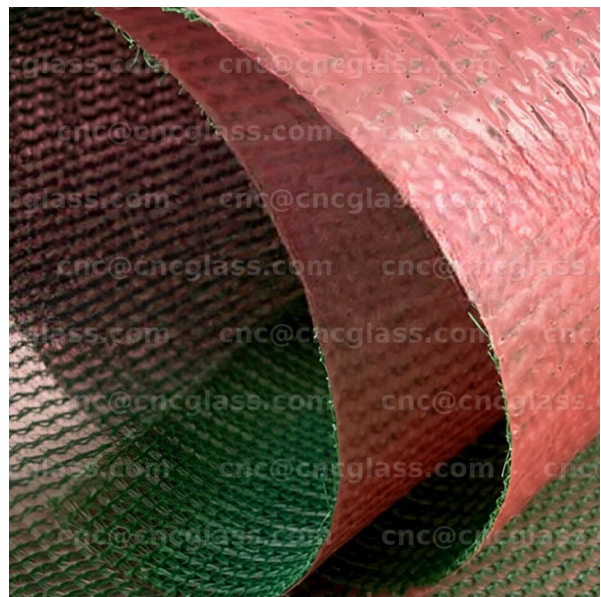
Productivity (hand-drawn sketch): one integrated mesh + film layer vs separate multi-layer auxiliary layup — higher productivity / mold utilization, fewer layup defects.

CNCGLASS · Product Photos

Product photographs of CNCGLASS composite flow mesh with release film (watermarked). One product photo from the linked page; close-up cropped from the same roll. Green flow mesh laminated with red release film shown.



Composite flow mesh + release film (roll)



Mesh + film close-up (same roll)

CNCGLASS · Contact

CNC Ucolin Interlayer Technology Co., Ltd.

Address: SHENZHEN, GD, CHINA

Peter Lin

Email: cnc@cncGlass.com

WhatsApp / Mobile: +86 15013829504

WeChat: wecan365

Website: www.cncglass.com

For quotations, samples, or bulk orders of composite flow mesh with release film for vacuum infusion of composites (up to 120 °C), please contact us by email or WhatsApp.

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