

CNCGLASS



CNCGLASS green polyester flow mesh (roll) — product photo, watermarked.

CNCGLASS Product Catalog

Polyester Flow Mesh 120 °C — 3D Woven Vacuum Infusion Resin Distribution Mesh for Wind Blade Yacht and General Composites

English

Polyester filament 3D woven flow mesh / resin infusion mesh — areal weight 130–160 g/m², black or green, width 1–2 m × length 100 m (customizable), max use temperature 120 °C; high cost-performance for low-temperature vacuum infusion; good resin flow and distribution; recommended for polyester and epoxy vacuum bagging; widely used in wind-turbine blades, yachts, and general vacuum-infusion parts.

CNCGLASS | www.cncglass.com

Product List Edition

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

CNCGLASS · Product List / Specifications

Polyester filament 3D woven flow mesh (resin infusion / resin distribution mesh) for low-temperature vacuum infusion. Good resin flow and distribution help wet-out large parts while lowering overall vacuum-process cost. High cost-performance grade recommended for polyester and epoxy systems in vacuum bagging. Widely used in wind-turbine blades, yachts, and general vacuum-infusion parts. Material: polyester; areal weight 130–160 g/m²; max use temperature 120 °C; color black or green; roll size 1–2 m × 100 m (width and length customizable). Higher-flow extruded mesh is also available from CNCGLASS on request.

Specifications below. Commercial terms available on request.

Product	Specifications	Packing	Application
Polyester Flow Mesh 120 °C	130–160 g/m ² · black/green · 1–2 m × 100 m	Roll	Vacuum infusion; wind blade / yacht / general

Note: Polyester filament 3D woven flow mesh / resin distribution mesh. Custom width / length available. Higher-flow extruded mesh on request. 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 Polyester Flow Mesh 120 °C

Key properties of CNCGLASS polyester flow mesh for low-temperature vacuum infusion. Values below are published product facts for reference. Max use temperature 120 °C; 3D woven polyester filament structure; good resin flow and distribution; recommended for polyester and epoxy vacuum bagging systems; widely used in wind-turbine blades, yachts, and general vacuum-infusion parts.

Property	Result	Note
Material	Polyester	Product fact
Structure	3D woven filament mesh	Resin distribution / flow mesh
Areal weight	130–160 g/m ²	Product fact
Max use temperature	120 °C	Low-temperature vacuum infusion
Color	Black or green	As supplied
Width × length	1–2 m × 100 m	Standard roll; customizable
Function	Flow mesh / resin distribution	Vacuum infusion
Resin flow	Good flow and distribution	Lowers vacuum-process cost
Resin systems	Polyester and epoxy	Vacuum bagging recommended
Applications	Wind blade / yacht / general	Vacuum-infusion parts
Cost performance	High cost-performance grade	Low-temperature infusion
Extruded option	Higher-flow extruded mesh	Available on request
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.

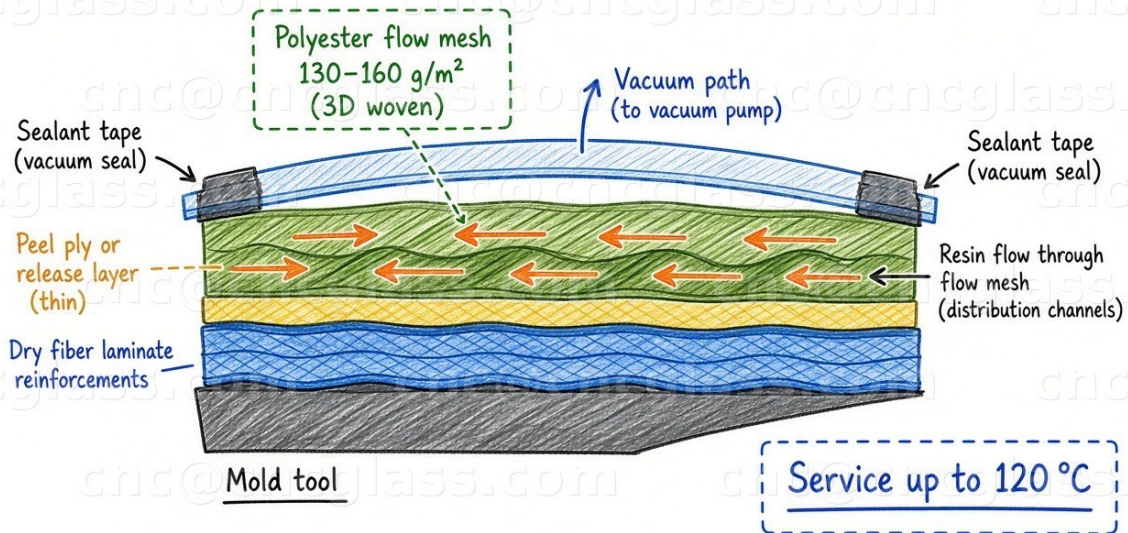
CNCGLASS · Storage

Store in the original packaging. Keep away from heat sources. Keep the environment clean. Do not crush or deform the mesh.

CNCGLASS · How It Works (Hand-Drawn Sketches)

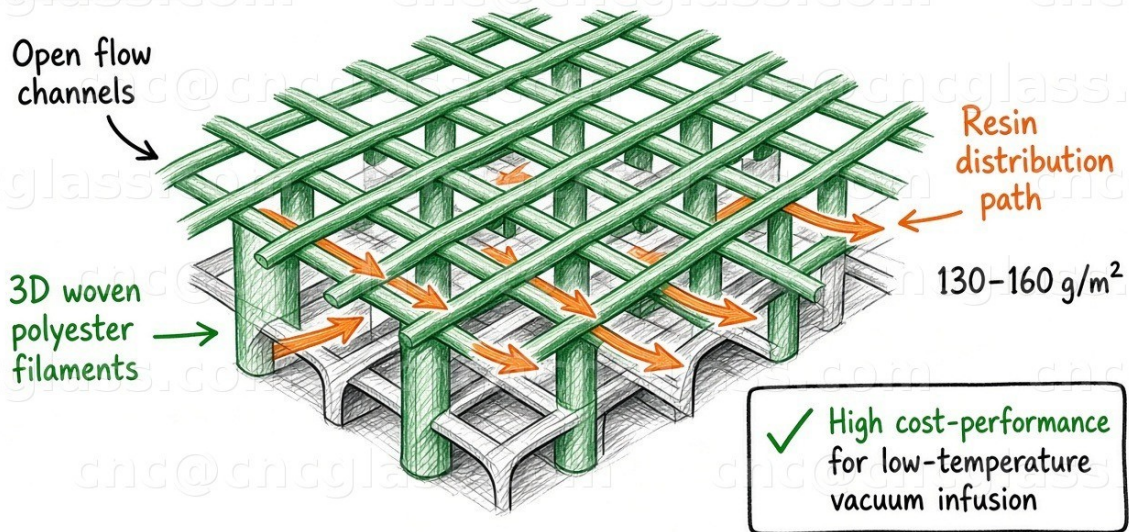
Educational hand-drawn sketches for composite shops. Polyester flow mesh (resin distribution mesh) sits in the vacuum infusion stack — typically over the dry laminate / peel ply and under the vacuum bag. The 3D woven open channels carry resin across the part for even wet-out. Max use temperature 120 °C. Suited for wind-turbine blades, yachts, and general vacuum-infusion parts in polyester and epoxy systems.

Vacuum Infusion Stack – Polyester Flow Mesh @ 120 °C



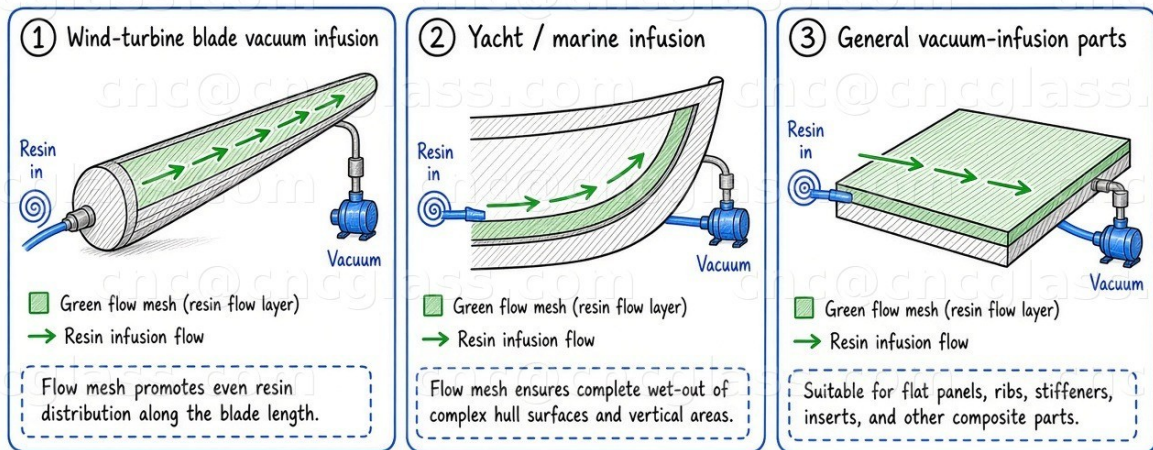
Vacuum infusion stack (hand-drawn sketch): polyester flow mesh / resin distribution mesh in the bagging stack — service up to 120 °C; resin flow through open channels.

3D Weave / Resin Flow Paths – Polyester Flow Mesh



3D weave / resin flow paths (hand-drawn sketch): polyester filament 3D woven mesh with open channels — fast resin distribution across the part (130-160 g/m²).

Applications – Wind Blade / Yacht / General Infusion @ 120 °C



Recommended for polyester and epoxy systems • up to 120 °C

Applications (hand-drawn sketch): wind-turbine blade vacuum infusion; yacht / marine infusion; general vacuum-infusion parts — polyester and epoxy systems up to 120 °C.

CNCGLASS · Product Photos

Product photographs of CNCGLASS polyester flow mesh (watermarked). One product photo from the linked page; close-up cropped from the same roll. Green 3D woven polyester filament mesh shown.



Polyester flow mesh roll (green)



3D weave 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 polyester flow mesh / resin distribution mesh for vacuum infusion (wind blade, yacht, and general composites, up to 120 °C), please contact us by email or WhatsApp.

CNCGLASS · Polyester Flow Mesh 120 °C