

CNCGLASS



CNCGLASS red FEP release film (roll) — product photo, watermarked.

CNCGLASS Product Catalog

FEP Release Film 260 °C — High-Temperature Autoclave and Oven Vacuum Bagging Release Film for Aerospace and Military Composites

English

Red FEP release film for high-temperature vacuum bagging — 20 µm, width 1.5 m, max use temperature 260 °C; designed for aerospace and military composites; usable in curing oven and autoclave; good stretch for complex corners.

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Product List Edition

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

CNCGLASS · Product List / Specifications

Red FEP release film designed for the aerospace and military composite industry. Good stretch and elongation ensure close fit at complex corners, reducing bridging and resin-rich areas. Good release performance improves large-part productivity. High-visibility red color helps prevent missed layup and misuse. Usable in curing oven and autoclave; max use temperature 260 °C. Applied on the back of the layup for a smooth surface finish. Suitable for most resin systems. Perforation types available per customer request. Thickness 20 µm; width 1.5 m. Material: FEP; elongation at break 300%; tensile strength 21 MPa; color red. Specifications below. Commercial terms available on request.

Product	Specifications	Packing	Application
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FEP Release Film 260 °C

20 µm · red · width 1.5 m

Sheet / roll form

Aerospace / military; autoclave & oven

Note: Red FEP. Custom width / length / perforations 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 FEP Release Film 260 °C

Key properties of CNCGLASS red FEP release film for high-temperature vacuum bagging. Values below are published product facts for reference. Max use temperature 260 °C; designed for aerospace and military composites; usable in curing oven and autoclave; good stretch for complex corners.

Property	Result	Note
Material	FEP	Product fact
Thickness	20 µm	Product fact
Width	1.5 m	Standard
Form	Sheet / roll	As supplied
Color	Red	High visibility
Max use temperature	260 °C	Oven and autoclave
Elongation at break	300%	Complex corner fit
Tensile strength	21 MPa	Product fact
Resin compatibility	Most resin systems	Product fact
Release	Good release; large-part productivity	Smooth surface finish
Perforations	Types per customer request	Custom on request
Lay-up	On back of layup; anti-bridging stretch	Less resin-rich areas
Process	Curing oven and autoclave	Aerospace / military
Customization	Width / length / holes on request	Custom available

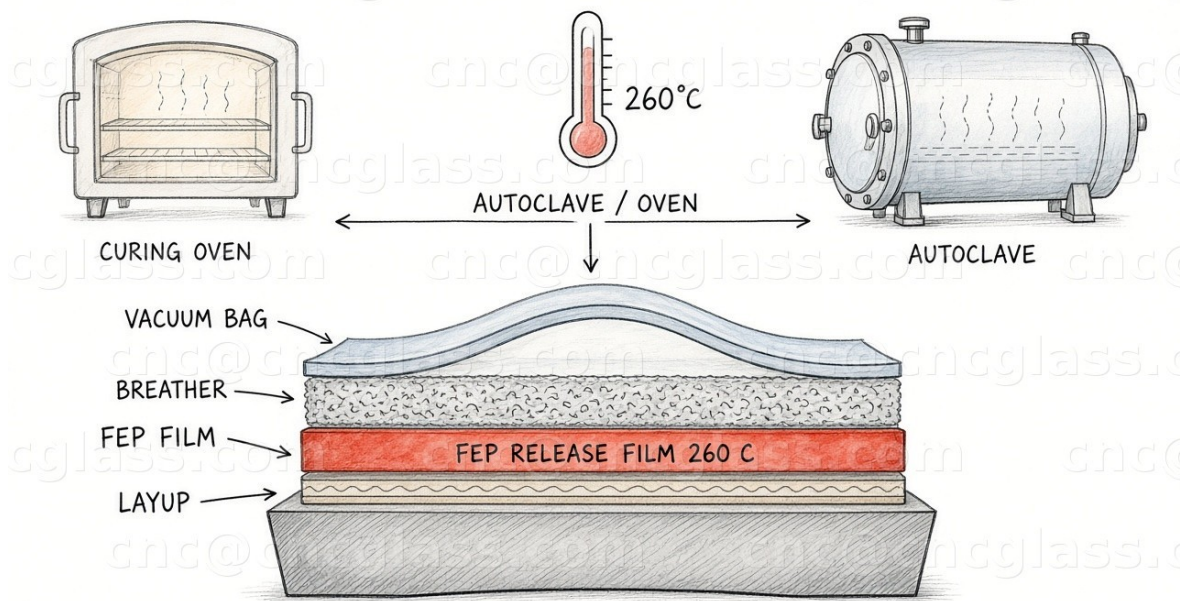
Datasheet values are typical published facts and may vary by batch. Please contact us for the latest test reports.

CNCGLASS · Storage

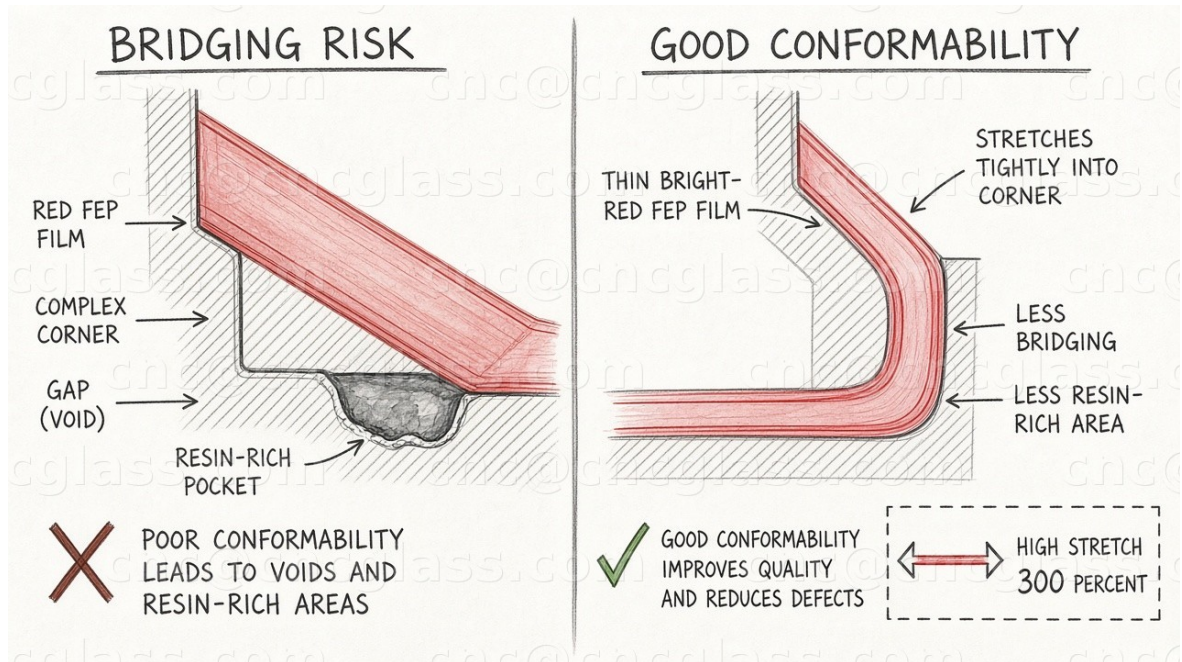
Store in a dry place away from light; avoid prolonged sun exposure. Storage conditions: humidity 65±20% RH, temperature 5–30 °C. Place the film on a smooth surface; clear sharp objects to avoid puncture. Handle gently. During use, protect the film surface — do not place or contact sharp items. Shelf life ≤ 2 years.

CNCGLASS · How It Works (Hand-Drawn Sketches)

Educational hand-drawn sketches for composite shops. Red FEP release film is placed on the back of the layup in the vacuum bag stack (under the breather). Good stretch reduces bridging at complex corners. After cure in oven or autoclave (up to 260 °C), the film releases cleanly — supporting large-part productivity for aerospace and military composites. Perforation types available on request.



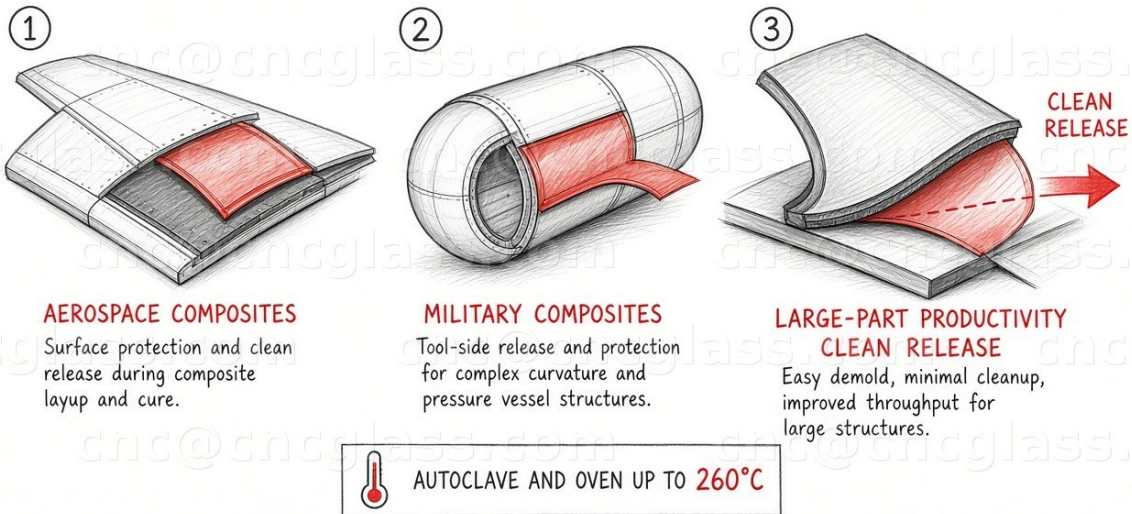
Autoclave / oven vacuum bag stack (hand-drawn sketch): red FEP release film on the layup — service up to 260 °C for high-temperature autoclave and oven cure.



Corner conformability (hand-drawn sketch): high stretch of red FEP release film — less bridging and fewer resin-rich areas at complex corners (elongation 300%).

HIGH-TEMPERATURE RED FEP RELEASE FILM

FOR AEROSPACE & MILITARY COMPOSITES



Applications (hand-drawn sketch): aerospace and military composites, large-part productivity with clean release — autoclave and oven up to 260 °C.

CNCGLASS · Product Photos

Product photographs of CNCGLASS red FEP release film (watermarked). One product photo from the linked page; close-up cropped from the same roll. Red film on core — high-visibility color.



Red FEP release film roll



Red FEP film surface close-up (same roll)

CNCGLASS · Contact

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For quotations, samples, or bulk orders of red FEP release film for high-temperature autoclave and oven vacuum bagging (aerospace / military composites), please contact us by email or WhatsApp.

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