

# CNCGLASS

Brand: **CNCGLASS**

Company: **CNC Ucolin Interlayer Technology Co., Ltd.**

Address: SHENZHEN, GD, CHINA

Peter Lin | cnc@cncGlass.com | WhatsApp/Mobile +86 15013829504 | WeChat wecan365 | www.cncglass.com

## TECHNICAL NOTE

### Storage and Shelf Life of Dry-Melt EVA Interlayer Film

《干法 EVA 夹层胶片储存与保质期》

By Peter Lin

## CNCGLASS · 1. Purpose and Scope

This technical note summarizes recommended storage and shelf-life practice for CNCGLASS dry-melt (vacuum-furnace) EVA interlayer film used in laminated safety glass. It converts a short source warehouse note into formal B2B guidance for glass processors, project buyers, and warehouse teams. Product-specific shelf life and storage limits on the roll label and the current CNCGLASS Technical Data Sheet (TDS) always prevail over this overview.

Dry-melt EVA film is moisture- and heat-sensitive. Correct packaging, temperature, humidity, and handling protect adhesion, clarity, and process consistency in finished laminated glass.

## Storage Principle



Figure 1 — Storage principle: sealed moisture-barrier roll vs moisture / heat / UV stress (schematic).

## CNCGLASS · 2. Shelf Life

Industry public TDS for laminated-glass EVA commonly cite unopened shelf life of about **9–12 months** (typical guidance often summarized as **12 months**).

If stock is held beyond the stated shelf period, run a small-lot lamination test (adhesion, haze/bubbles, edge appearance) before mass production. Do not assume overdue film will process the same as fresh stock.

Quality responsibility for film used after the labelled / TDS shelf period sits with the processor's incoming inspection and process control. CNC Ucolin Interlayer Technology Co., Ltd. expects customers to verify overdue lots by small-batch test; this note does not expand or replace contract warranty terms.

## CNCGLASS · 3. Warehouse Conditions

Store CNCGLASS dry-melt EVA interlayer film in a ventilative, dry, and clean warehouse. Keep away from fire, direct sunlight, and water. Do not press, crush, or stack beyond safe limits. Avoid rain, high pressure, outside-force collision, and scratches from hard articles.

Temperature: warehouse air should stay below **32 °C**. Cool, dry storage is preferred.

Relative humidity: keep warehouse RH below **50 %**.

For large stock, place pallets under the film rolls for ventilation, cooling, and moisture control. Do not store EVA film in the same warehouse as combustibles or explosives.



Figure 2 — Warehouse cue: cool, dry, ventilated room with  $T < 32\text{ °C}$  and  $RH < 50\%$  callouts; pallets under rolls (schematic).

#### CNCGLASS · 4. Opened Rolls and Re-Packing

Remaining film after cutting must be re-packed promptly in clean moisture-barrier materials (poly / aluminium foil bag or equivalent). Static on open EVA attracts dust; contaminated surfaces can disable normal use and cause optical or adhesion defects after lamination.

Industry practice (added — source omitted timing): avoid prolonged open exposure (often cited on the order of about 8 hours open in a controlled room); reseal the same shift. Opened / re-packed rolls are commonly used within about 2–3 months under cool dry storage. Always follow the roll label and current CNCGLASS TDS if they state a shorter window.

### Opened-Roll Reseal



Figure 3 — Opened-roll reseal: poly / Al moisture bag and prompt tape seal (diagram).

#### CNCGLASS · 5. Handling, FIFO, and Stacking

Handle rolls with clean gloves; keep packaging intact until use. Apply FIFO (first-in, first-out) so older production lots leave the warehouse first. Prefer stack heights of about  $\leq 3$  layers unless racking is designed for higher loads — avoid crushing and edge damage. Keep rolls on pallets for airflow; do not place rolls directly on damp floors.



Figure 4 — Application: clean EVA film warehouse / glass-factory rack with sealed rolls on pallets.

## CNCGLASS · 6. Practical Checklist

- Unopened shelf planning: industry-typical **12 months** — confirm on roll label / TDS.
- Warehouse: ventilative, dry, clean;  $T < 32\text{ }^{\circ}\text{C}$ ;  $\text{RH} < 50\%$ ; no fire / sun / water / crush.
- No combustibles or explosives in the same warehouse.
- Large stock on pallets for ventilation and anti-moisture.
- Opened rolls: reseal same shift; aim to use within  $\sim 2\text{--}3$  months.
- FIFO + gloves + stack discipline; small-lot retest if overdue.
- Labels and current CNCGLASS TDS prevail over this overview.

Good storage protects finished architectural laminated glass — façades, partitions, and safety glazing rely on film that stayed dry, cool, and clean from warehouse to furnace.



Figure 5 — Application: architectural laminated-glass façade / partition — why good storage supports finished glass quality.

This overview may be updated when CNCGLASS products or packaging change. If anything is unclear, confirm against the roll label and the current CNCGLASS TDS, or contact the team below.

## CNCGLASS · Contact

**Brand:** CNCGLASS

**Company:** CNC Ucolin Interlayer Technology Co., Ltd.

**Address:** SHENZHEN, GD, CHINA

**Contact:** Peter Lin

**Email:** [cnc@cncGlass.com](mailto:cnc@cncGlass.com)

**WhatsApp / WeChat / Mobile:** +86 15013829504 · **WeChat:** wecan365

**Website:** [www.cncglass.com](http://www.cncglass.com)

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