

CNCGLASS Sealant Tape

180 °C for Vacuum Infusion and Prepreg Molding

Technical Product Catalog · English

Brand: CNCGLASS

Company: CNC Ucolin Interlayer Technology Co., Ltd.

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Economy sealant tape · good seal performance · usable from room temperature to 180 °C · vacuum infusion and prepreg molding · seals well · easy to peel from mold after cure · yellow synthetic rubber · custom width / length available.



Figure 1. CNCGLASS sealant tape (yellow roll) — product photo from linked page, watermarked.



Figure 2. Yellow sealant tape on release liner (close-up) — page product photo, watermarked.

1. Product Overview

This **CNCGLASS** sealant tape is an economy sealing strip with good seal performance. Service temperature from room temperature to **180 °C** (prose and specification table on the source page both state 180 °C — used as the single governing figure). Widely used in vacuum infusion and prepreg molding; seals well and is easy to peel from the mold after cure.

Industry practice (public vacuum-bagging literature): sealant tape closes the bag perimeter to the tool; vacuum compresses the soft strip into an airtight bead. After cure, a clean peel from the mold speeds demold. Treat published [source](#) guides as stack-design reading — not a claim about this tape’s recipe.

2. Technical Specifications

Product facts — no model / SKU. Custom width and length available. Values kept as source-page facts.

Size & packing

Size (H × W × L)	Packing
3 mm × 12 mm × 15 m	10 rolls / carton

Material & service properties

Property	Value
Material	Synthetic rubber
Color	Yellow
Service temperature	180 °C
Use range	Room temperature to 180 °C
After-cure release	Easy to peel from mold

Custom width / length: available to customer requirements.

3. How Sealant Tape Works

The soft synthetic-rubber strip is laid on the clean tool flange. The vacuum bag film is pressed onto the tape and the perimeter is closed. Under vacuum the tape compresses into an airtight bead that holds from room temperature up to the 180 °C service limit.

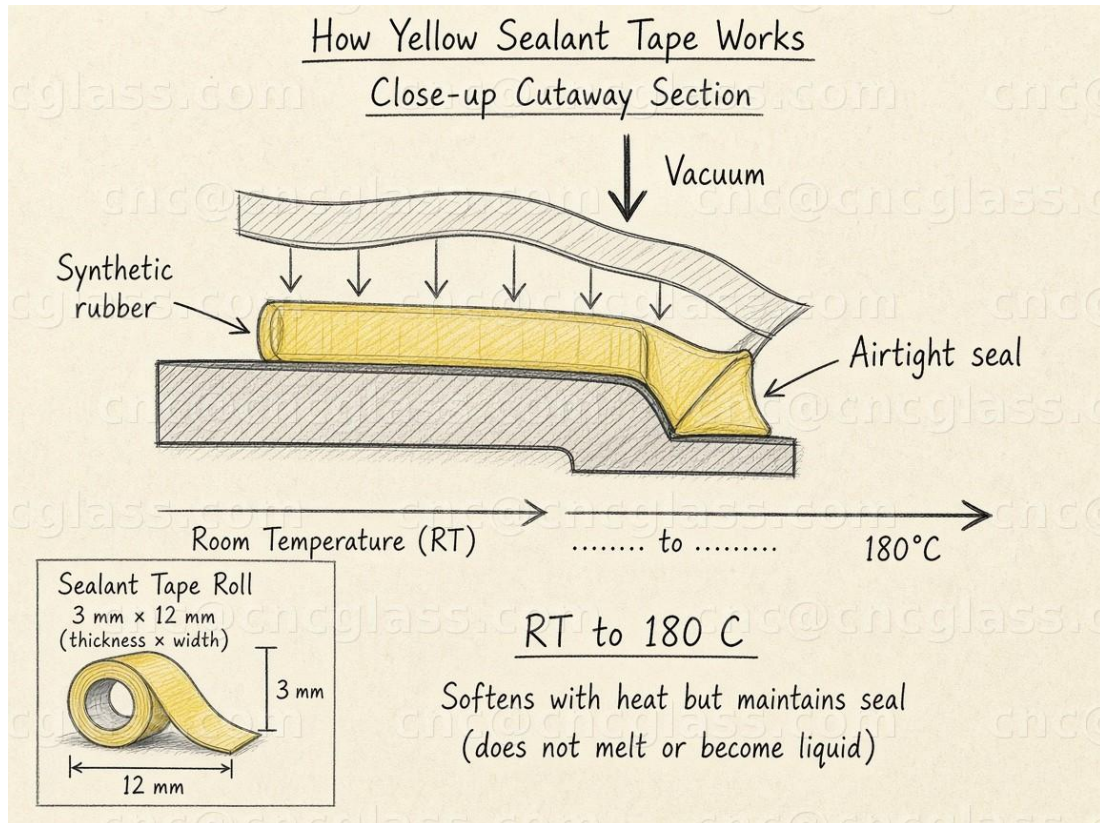


Figure 3. How sealant tape works (hand-drawn sketch): soft synthetic rubber compressed by vacuum between tool flange and bag film — RT to 180 °C.

4. Vacuum Bag Edge Sealing

Typical placement: continuous bead of yellow sealant tape around the tool perimeter; bag film overlaps the tape fully; vacuum port outside the part area. Avoid gaps, dust, and oil on the flange — leaks defeat vacuum.

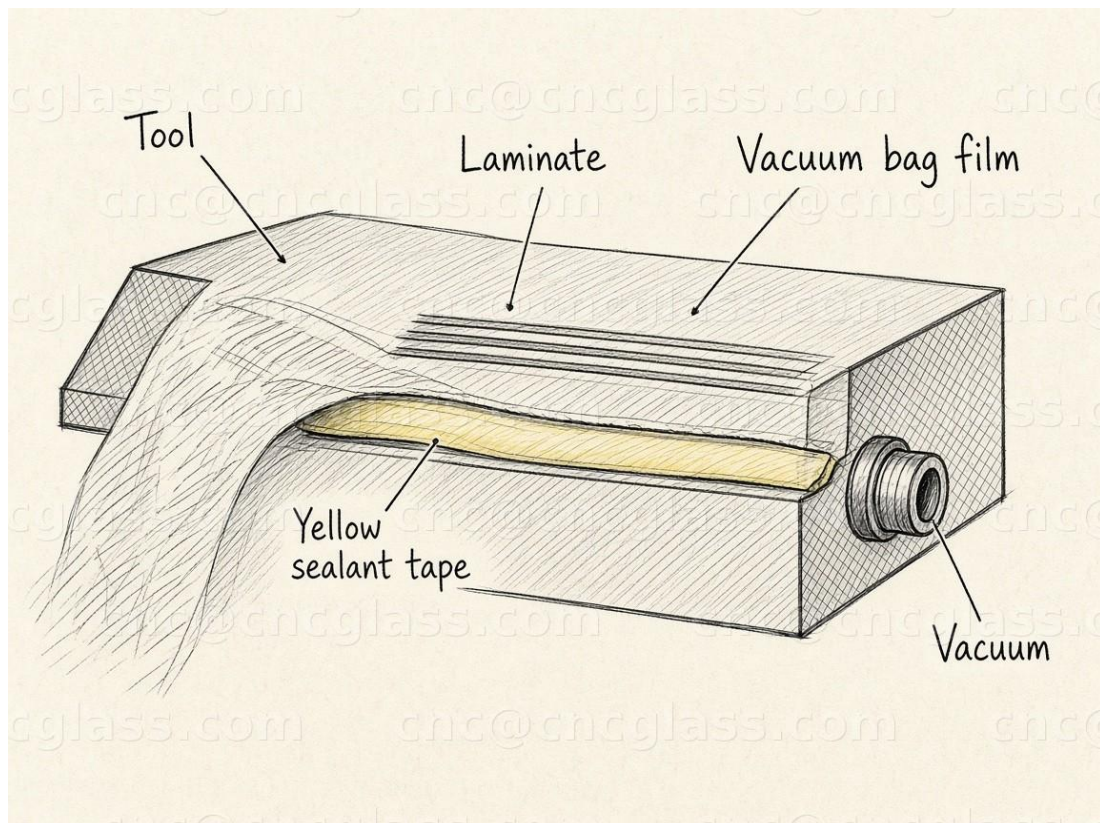


Figure 4. Vacuum bag edge sealing (hand-drawn sketch): yellow sealant tape between bag film and tool perimeter.

5. Easy Peel from Mold After Cure

After the cure cycle (within 180 °C), the sealant tape is designed for easy peel from the mold surface — reducing demold time and flange cleanup compared with tapes that leave heavy residue.

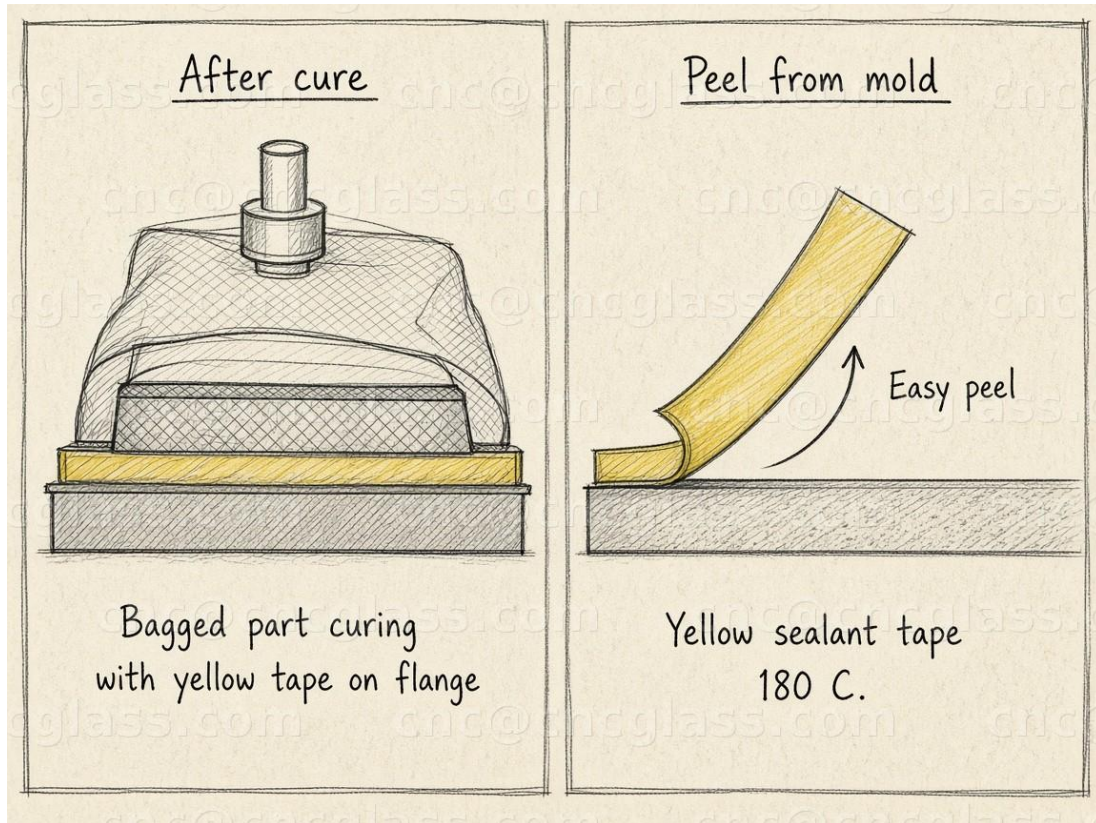


Figure 5. After cure (hand-drawn sketch): yellow sealant tape peels easily from the mold surface.

For laminated glass vacuum bagging / vacuum-oven bagging: the same edge seal principle applies when process peaks stay within 180 °C and the bag film / sealant pair are compatible.

6. Applications

CNCGLASS sealant tape 180 °C is positioned for:

- Vacuum infusion processes needing a reliable bag-edge seal up to 180 °C.
- Prepreg molding / compaction with easy post-cure peel from the mold.
- General composite vacuum bagging within the 180 °C service window.
- Laminated-glass / interlayer vacuum bagging where sealant tape and bag film fit the line temperature.

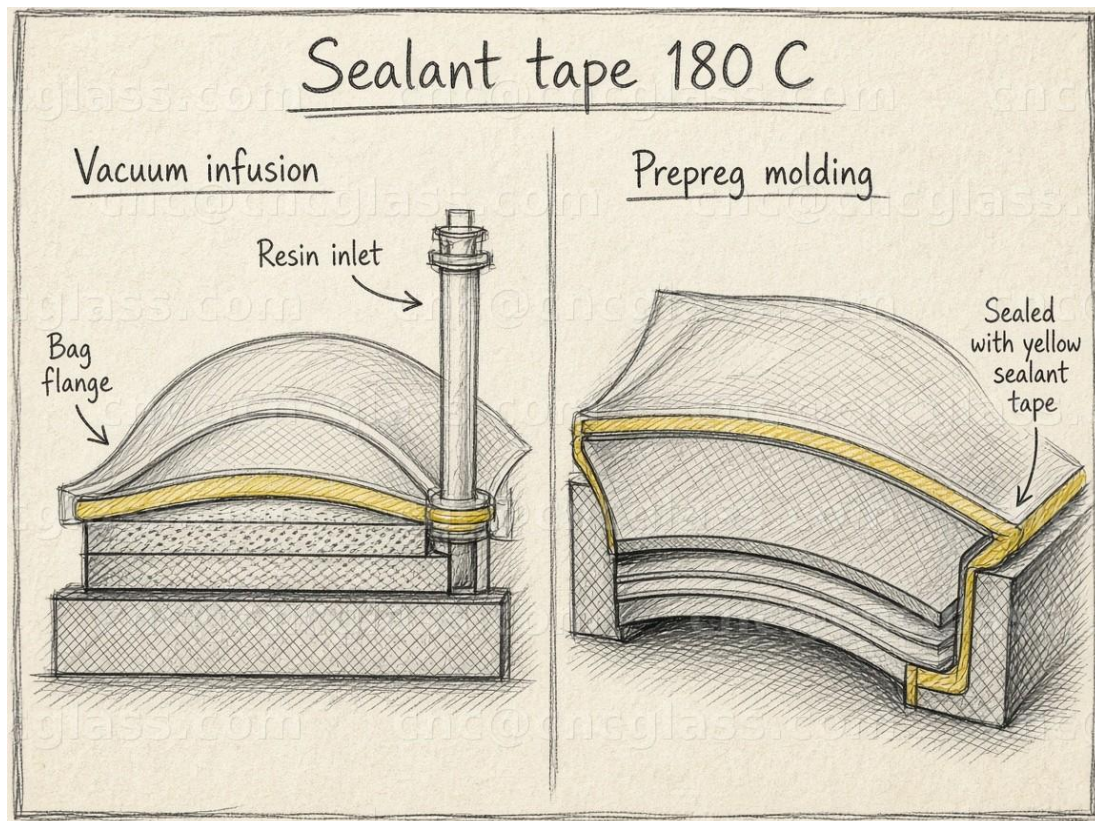


Figure 6. Applications (hand-drawn sketch): vacuum infusion and prepreg molding with 180 °C yellow sealant tape.

7. Packaging, Storage & Shelf Life

- Keep in the unopened original pack; avoid moisture.
- Store in a ventilated environment with maximum temperature 30 °C.
- Shelf life: 12 months from the date of manufacture.
- Store flat; stack maximum 5 cartons.

Packing: 20 rolls per carton. Nominal roll: 3 mm × 12 mm × 15 m. Color: yellow.

8. Notes for Glaziers & Laminators

- Clean and dry the tool flange before laying tape; dust and oil cause leaks.
- Butt joints tightly; avoid overlapping thick beads that bridge under vacuum.
- Leak-check the bag before heat; stay within the 180 °C service temperature.
- After cure, peel tape from the mold while warm if shop practice allows — confirm with CNCGLASS for your cycle.
- Pair with compatible vacuum bag film and breather rated for the same temperature class.

Shop tip (public bagging guides): warm the tape slightly in cool shops for better conformability; do not exceed the 30 °C storage limit in the warehouse.

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Ask **CNCGLASS** for roll size (3 × 12 × 15 m standard; custom width / length available), carton packing, and 180 °C process confirmation for your vacuum infusion / prepreg line.