

CNCGLASS



CNCGLASS glass vacuum bag silicone sheet (sample corner with ribbed edge seal) — high-temp silicone membrane for EVA laminated glass vacuum furnaces.

CNCGLASS Product Catalog

Glass Vacuum Bag Silicone Sheet $\geq 200^{\circ}\text{C}$ — EVA Laminated Glass Vacuum Furnace High-Temp Silicone Rubber Membrane Diaphragm for Safety Glass Heat Press

English

High-temperature silicone rubber sheet for glass vacuum laminating furnaces — upper and lower membranes with edge seals form a vacuum bag that presses glass + EVA (or other interlayer) under heat and vacuum for bubble-free safety laminated glass; sheet rated $\geq 200^{\circ}\text{C}$ (typical process $100\text{--}150^{\circ}\text{C}$); Shore A 55 ± 5 ; tensile 6.5 / 8.0 MPa; tear 26 / 32 N/mm; thickness 2–8 mm; seamless width up to 3500 mm; transparent or rust-red; both-smooth or smooth+cloth surfaces.

CNCGLASS | www.cncglass.com

Product List Edition

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

CNCGLASS · Product List / Specifications

CNCGLASS glass vacuum bag silicone sheet is a high-temperature silicone rubber membrane for glass vacuum laminating furnaces. Upper and lower sheets with profiled edge seals form a vacuum bag that presses glass + EVA (or other interlayer) under heat and vacuum for bubble-free safety laminated glass. Thickness 2–8 mm; seamless width up to 3500 mm; length custom. Two descriptive strength grades (Standard / High) cover tensile 6.5 / 8.0 MPa with Shore A 55 ± 5 , colors transparent

or rust-red, and surfaces both-smooth or smooth + cloth. Sheet rated ≥200 °C (typical furnace process 100–150 °C). Custom sizes available from CNCGLASS on request.

Grade specifications below. Commercial terms available on request.

Product	Specifications	Packing	Application
Glass Vacuum Bag Silicone ≥200 °C	Shore A 55±5 · ≥200 °C · width ≤3500 mm · thickness 2–8 mm	Sheet / roll	EVA laminated glass vacuum furnace / safety glass heat press

Note: High-temp silicone rubber membrane for glass vacuum bags. Thickness 2–8 mm; seamless width up to 3500 mm; length custom. ISO9001 / CE / SGS. MOQ 100 m²; lead time 3–7 days. 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 Glass Vacuum Bag Silicone Sheet ≥200 °C

Key properties of CNCGLASS glass vacuum bag silicone grades for EVA laminated glass vacuum furnaces and safety glass heat press. Values below are published product facts. Descriptive grade names only — no supplier model codes. Cycle life and dielectric strength are not published and are omitted. Heat rating ≥200 °C; typical process temperature 100–150 °C.

Grade	Tensile MPa	Tear N/mm	Hardness Shore A	Elongation %	Temp °C	Color	Surface
Standard strength	6.5	26	55±5	450	≥200	Transparent / rust red	Both-smooth or smooth+cloth
High strength	8.0	32	55±5	650	≥200	Transparent / rust red	Both-smooth or smooth+cloth

Property	Result	Note
Product type	Glass vacuum bag silicone sheet / membrane	High-temp silicone rubber
Process	Glass vacuum laminating furnace	Heat + vacuum + atmospheric pressure
Interlayer	EVA (or other film) laminated safety glass	Bubble-free bonding
Service temperature	≥200 °C (sheet rating)	Typical process 100–150 °C
Hardness	Shore A 55±5	Both strength grades
Tensile strength	6.5 MPa (Standard) / 8.0 MPa (High)	Published fact
Tear strength	26 N/mm (Standard) / 32 N/mm (High)	Published fact
Elongation at break	450% (Standard) / 650% (High)	Published fact
Thickness	2–8 mm	Custom within range
Width	Up to 3500 mm seamless	No longitudinal splice
Length	Custom / any length	As required
Colors	Transparent / rust red	As published
Surfaces	Both-smooth / one-smooth + one-cloth	Cloth aids vacuum venting
Bag construction	Upper + lower sheets + profiled edge seals	Vacuum bag assembly
Certifications	ISO9001, CE, SGS	As published
MOQ / lead time	100 m ² · 3–7 days	Commercial note
Customization	Thickness / size / color / surface on request	Custom available

Datasheet values are typical published facts and may vary by batch. Please contact us for the latest test reports. Cycle life is not published and is not claimed here.

CNCGLASS · Features

- High-temperature silicone rubber sheet rated ≥200 °C for glass vacuum laminating furnaces (typical process 100–150 °C).

- Two descriptive strength grades — Standard (6.5 MPa / 26 N/mm / 450%) and High (8.0 MPa / 32 N/mm / 650%) — both Shore A 55 $\pm$ 5.
- Forms a vacuum bag with upper / lower sheets and profiled edge seals; atmospheric pressure presses glass + EVA under vacuum for bubble-free safety laminated glass.
- Seamless width up to 3500 mm; thickness 2–8 mm; length custom.
- Colors: transparent (process visibility) or rust red; surfaces: both-smooth or smooth + cloth (cloth aids vacuum venting).
- Non-oily silicone does not contaminate glass or EVA vs ordinary rubber.

CNCGLASS · Applications

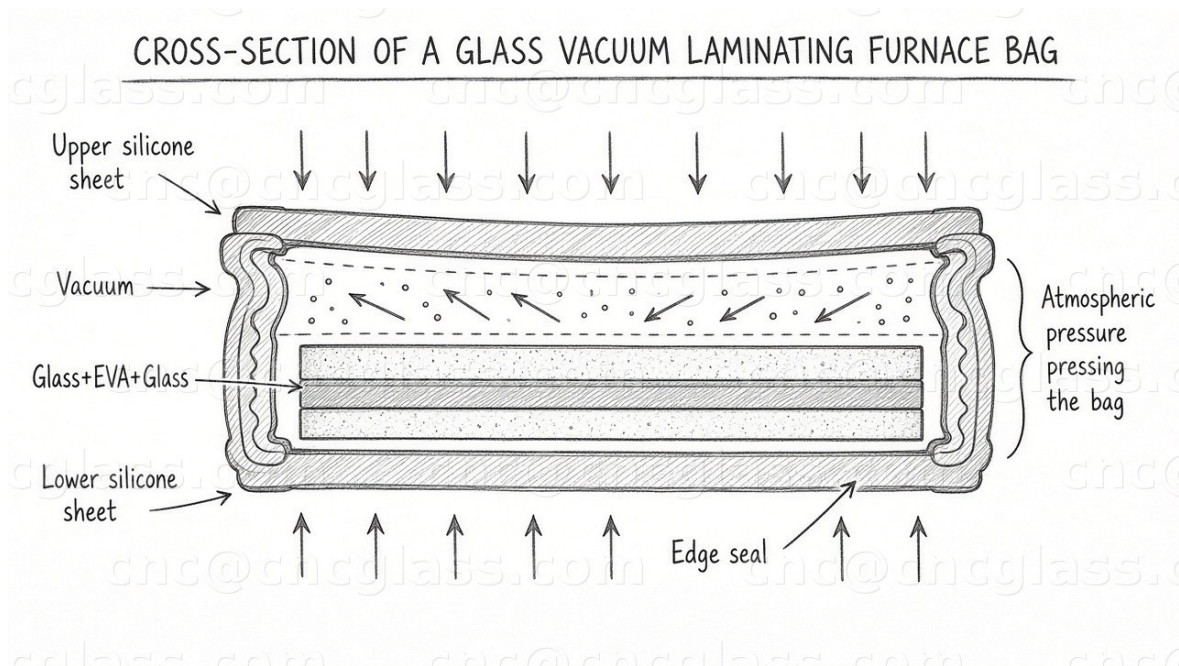
- Glass vacuum laminating furnace silicone vacuum bag / membrane.
- EVA (or other interlayer) safety laminated glass heat press.
- Architectural, façade, and safety glass vacuum lamination lines.
- Bubble-free bonding of multi-layer glass under heat and vacuum.

CNCGLASS · Storage

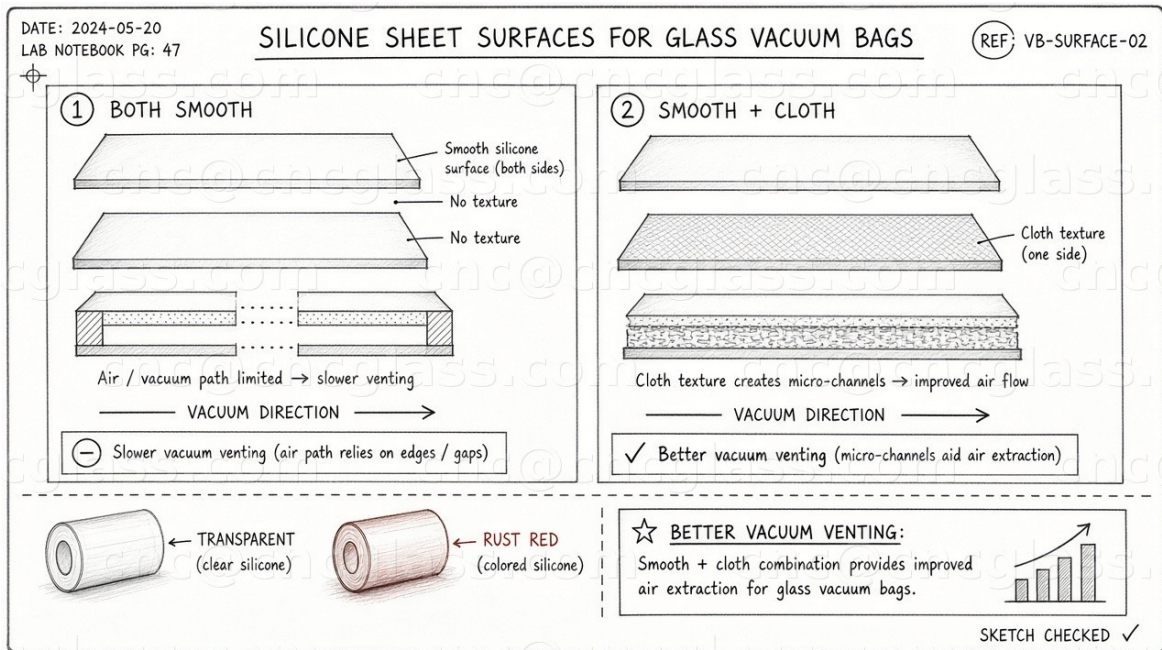
Store in a dry, clean environment. Keep away from heat sources. Do not expose to direct sunlight. Avoid sharp folds that can crease the membrane. Protect edge seals from cuts and abrasion.

CNCGLASS · How It Works (Hand-Drawn Sketches)

Educational hand-drawn sketches for laminated glass shops. CNCGLASS glass vacuum bag silicone sheets form the upper and lower membranes of the vacuum bag. Vacuum evacuates air between glass and EVA; heat (typically 100–150 $^{\circ}\text{C}$) melts the interlayer; atmospheric pressure on the bag produces uniform, bubble-free bonding. Sheet rating $\geq 200^{\circ}\text{C}$ provides thermal margin. Seamless width up to 3500 mm covers large architectural glass without longitudinal splice.

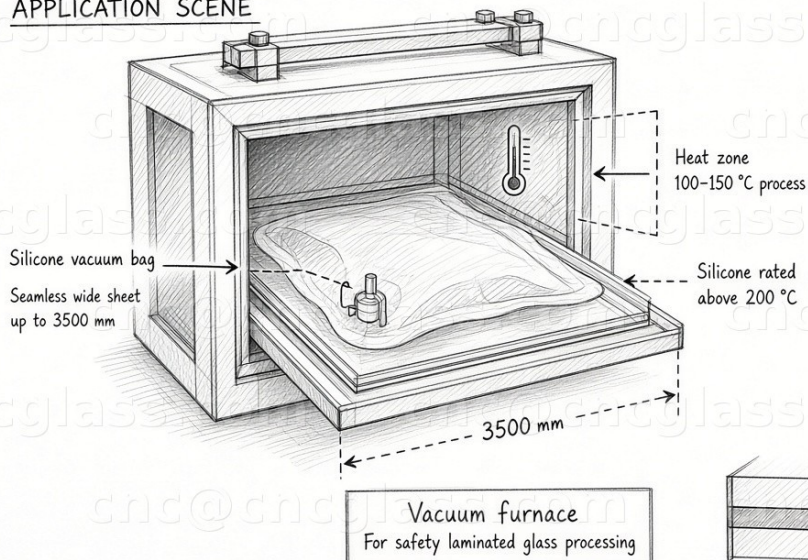


Vacuum bag stack (hand-drawn sketch): upper / lower silicone sheets and edge seal enclose glass + EVA + glass; atmospheric pressure presses the bag under vacuum for bubble-free lamination.



Sheet surfaces (hand-drawn sketch): both-smooth vs smooth + cloth; cloth texture improves vacuum venting; transparent and rust-red colors.

GLASS VACUUM LAMINATING FURNACE APPLICATION SCENE



PROCESS OVERVIEW

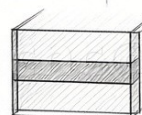
1. Place glass layers with interlayer on tray.
2. Cover with silicone vacuum bag and seal.
3. Evacuate air to create vacuum.
4. Heat to 100–150 $^{\circ}\text{C}$ in furnace.
5. Hold for lamination and cooling.



Process temperature:
100–150 $^{\circ}\text{C}$
Silicone vacuum bag
rated above 200 $^{\circ}\text{C}$



Seamless wide sheet
up to 3500 mm



Safety laminated glass
Multiple glass layers with
interlayer bonded under heat
and vacuum.

Glass vacuum laminating furnace (hand-drawn sketch): silicone vacuum bag on tray, seamless width up to 3500 mm; process 100–150 $^{\circ}\text{C}$; silicone rated $\geq 200^{\circ}\text{C}$ for safety laminated glass.

CNCGLASS · Product Photos

CNCGLASS glass vacuum bag silicone sheet — product photographs for EVA laminated glass vacuum furnace and safety glass heat press use.



Glass vacuum bag silicone (sample)



Membrane + ribbed edge seal

CNCGLASS · Contact

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For quotations, samples, or bulk orders of glass vacuum bag silicone sheet for EVA laminated glass vacuum furnaces and safety glass heat press ($\geq 200^{\circ}\text{C}$), please contact us by email or WhatsApp.