

CNCGLASS



CNCGLASS card-making silicone cushion pad (roll, layered core visible) — high-temp buffer membrane for smart-card laminators, 200–230 °C.

CNCGLASS Product Catalog

Card-Making Silicone Cushion Pad 200–230 °C — Smart Card Laminator High-Temp Silicone/Felt Buffer Membrane for Bank Credit Social Security IC Card Heat Press

English

High-temperature cushion pad for smart-card laminators — two grades: patterned silicone both sides with fiberglass core (Shore A 55±5, tensile 80 N/mm, 230 °C) and heat-resistant felt both sides with black silicone core (Shore A 50±5, tensile 60 N/mm, 200 °C); typical thickness ~3 mm; white; protects cards between heated platens during bank, credit, social-security, and IC card heat-press lamination.

CNCGLASS | www.cncglass.com

Product List Edition

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

CNCGLASS · Product List / Specifications

CNCGLASS card-making silicone cushion pad is a high-temperature buffer membrane for smart-card laminators. During heat-and-pressure card making, the pad sits between the heated platen and the card stack to protect cards and transfer temperature evenly. Two descriptive grades are offered: Silicone-patterned grade (patterned silicone both sides + fiberglass core; Shore A 55±5; tensile 80 N/mm; adhesion 4.5 N/mm; 230 °C) and Felt grade (heat-resistant felt both sides + black silicone core; Shore A 50±5; tensile 60 N/mm; adhesion 4.5 N/mm; 200 °C). Typical thickness ~3 mm; white surface. Made with high-quality silicone materials for elasticity, heat resistance, and durable cushioning. Custom sizes available from CNCGLASS on request.

Grade specifications below. Commercial terms available on request.

Product	Specifications	Packing	Application
Card-Making Cushion — Silicone-patterned 230 °C	Silicone–fiberglass–silicone · Shore A 55±5 · 80 N/mm · 230 °C · ~3 mm	Sheet / roll	Smart-card laminator / bank · credit · social-security · IC card heat press
Card-Making Cushion — Felt grade 200 °C	Felt–silicone–felt · Shore A 50±5 · 60 N/mm · 200 °C · ~3 mm	Sheet / roll	Smart-card laminator / bank · credit · social-security · IC card heat press

Note: High-temp cushion for card-making laminators. Two grades (silicone-patterned 230 °C / felt 200 °C); typical thickness ~3 mm. 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 Card-Making Silicone Cushion Pad 200–230 °C

Key published properties of CNCGLASS card-making cushion grades for smart-card laminators. Descriptive grade names only — no supplier model codes. Values below are public product facts for reference.

Grade	Surface	Core	Hardness Shore A	Tensile N/mm	Adhesion N/mm	Temp °C	Color
Silicone-patterned	Patterned silicone both sides	Fiberglass fabric	55±5	80	4.5	230	White
Felt grade	Heat-resistant felt both sides	Black silicone	50±5	60	4.5	200	White

Property	Result	Note
Product type	Card-making silicone / felt cushion pad	Smart-card laminator buffer
Silicone-patterned grade	Patterned silicone both sides + fiberglass core	230 °C
Felt grade	Heat-resistant felt both sides + black silicone core	200 °C
Hardness	Shore A 55±5 (silicone) / 50±5 (felt)	Published fact
Tensile strength	80 N/mm (silicone) / 60 N/mm (felt)	Published fact
Adhesion	4.5 N/mm (both grades)	Published fact
Service temperature	230 °C / 200 °C by grade	Range 200–230 °C
Thickness	~3 mm typical	As published
Surface color	White	Both grades
Install position	Between heated platen and card stack	Protect & cushion
Process role	Even heat transfer; protect cards; absorb moisture (felt)	Raise yield
Certifications	ISO9001, CE, SGS	As published
MOQ / lead time	100 m ² · 3–7 days	Commercial note
Customization	Size / grade on request	Custom available

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

CNCGLASS · Features

- Two descriptive grades for smart-card laminators: silicone-patterned (230 °C) and felt (200 °C); typical thickness ~3 mm; white.
- Silicone-patterned: high-quality silicone materials; high elasticity; fast, uniform heat transfer; high pressure resistance; helps reduce pits and fine surface grains; solvent- / aging- / corrosion-resistant; non-toxic.

- Felt grade: heat- and pressure-resistant materials suited to card lamination; fast uniform heat; good water absorption to reduce surface bubbles and watermarks; cushions platens to avoid scratch marks and extend plate life; easy to change.
- Protects cards between heated platens during bank, credit, social-security, and IC card heat-press lamination.
- ISO9001 / CE / SGS; MOQ 100 m²; lead time 3–7 days.

CNCGLASS · Applications

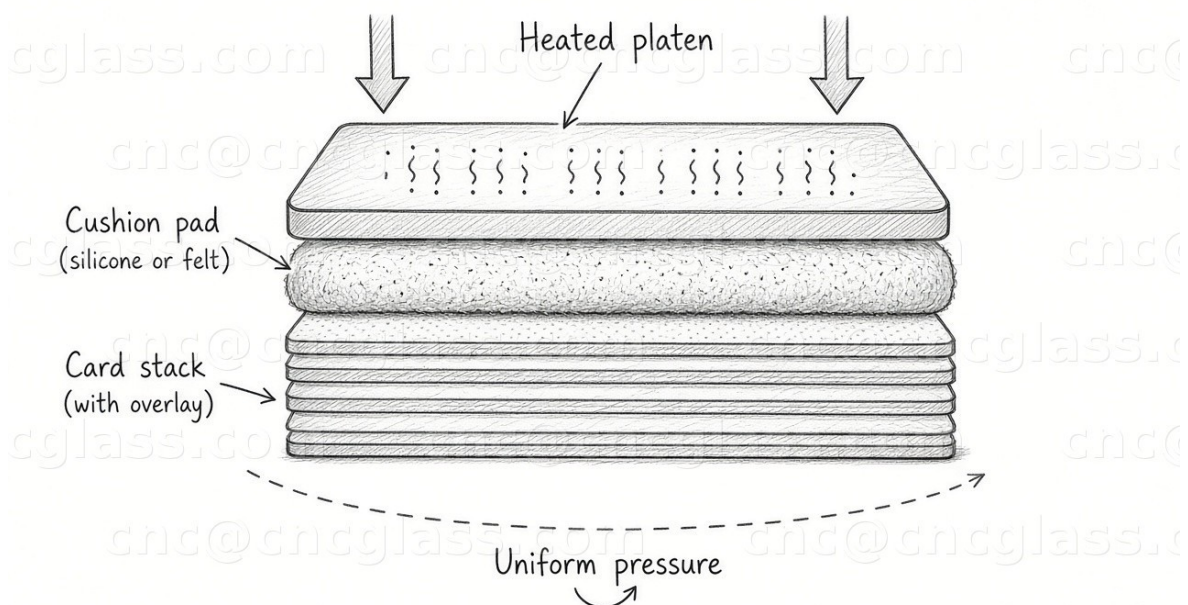
- Smart-card / PVC card laminator cushion pad between heated platens and cards.
- Bank cards and credit cards (including UnionPay-style payment cards).
- Social-security cards and other ID / membership laminated cards.
- IC cards and contact / contactless smart-card heat-press production.

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 cushion sheet. Protect edges from cuts and abrasion. Keep felt-grade pads clean and dry before use.

CNCGLASS · How It Works (Hand-Drawn Sketches)

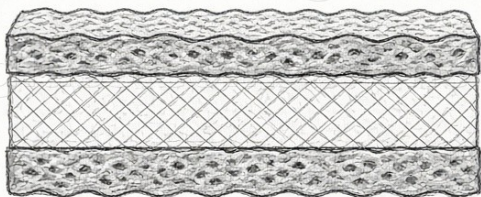
Educational hand-drawn sketches for card-making shops. CNCGLASS card-making cushion pads sit between the heated platen and the card stack. The silicone-patterned grade (silicone–fiberglass–silicone, 230 °C) or felt grade (felt–silicone–felt, 200 °C) equalizes heat and pressure so bank, credit, social-security, and IC cards laminate cleanly while protecting cards and press plates.



Card laminator stack (hand-drawn sketch): heated platen → cushion pad → card stack → cushion pad → platen; pad protects cards and equalizes heat/pressure.

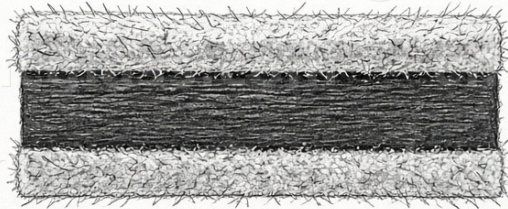
CUSHION CONSTRUCTIONS (CROSS-SECTIONS)

A. PATTERNED SILICONE BOTH SIDES
WITH FIBERGLASS CORE



230 °C Shore A 55

B. HEAT-RESISTANT FELT BOTH SIDES
WITH BLACK SILICONE CORE



200 °C Shore A 50

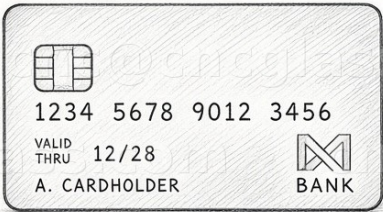
NOTES:

- Temperatures indicate maximum continuous operating temperature.
- Shore A values measured on the core material.

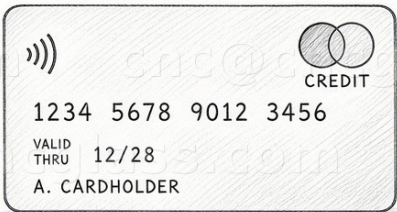
Two grades (hand-drawn sketch): silicone-patterned (silicone–fiberglass–silicone, 230 °C) and felt grade (felt–silicone–felt, 200 °C); typical thickness ~3 mm.

APPLICATION ICONS FOR CARD-MAKING CUSHION

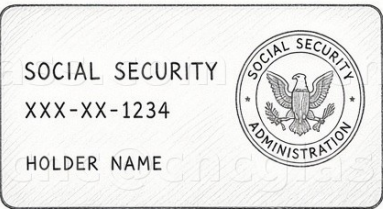
1. BANK CARD



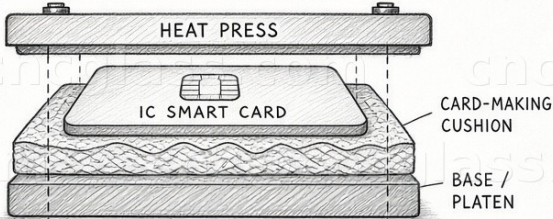
2. CREDIT CARD



3. SOCIAL SECURITY CARD



4. IC SMART CARD (UNDER HEAT PRESS)



Applications (hand-drawn sketch): bank cards, credit cards, social-security cards, and IC / smart cards on card-making laminator heat press.

CNCGLASS · Product Photos

CNCGLASS card-making silicone cushion pad — roll with layered core, partially unrolled sheet, and surface texture close-up.



Roll — layered core visible



Partially unrolled sheet



Surface / texture close-up

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 card-making silicone cushion pad for smart-card laminators (200–230 °C; silicone-patterned or felt grade; ~3 mm) for bank, credit, social-security, and IC card heat press, please contact us by email or WhatsApp.

CNCGLASS · Card-Making Silicone Cushion Pad 200–230 °C