CNCGLASS

CNCGLASS heat-insulating solar-control ionoplast laminated glass sample — SGP-type membrane with visible interlayer edge line.

CNCGLASS Product Catalog

Heat-Insulating Solar-Control Ionoplast Interlayer Film — IR UV Blocking SGP-Type Laminated Glass Membrane Low-SHGC Energy-Efficient Curtain Walls Skylights Facades PV Safety Glass

English

Heat-insulating / solar-control ionoplast interlayer film (SGP-type) for laminated safety glass — nano / functional additives for IR, UV, and solar control while keeping SGP-type structural performance; claimed UV block ≥90%, full IR block ≥85%, TSER ≥50%, SHGC 0.238, SC 0.274, VLT ≥70%; for curtain walls, skylights, facades, PV modules, and transport glazing. Thickness 0.76 mm.

CNCGLASS | www.cncglass.com

Product List Edition

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

CNCGLASS · Product List / Specifications

CNCGLASS heat-insulating solar-control ionoplast interlayer film is an SGP-type laminated-glass membrane with a nano / functional additive system for IR, UV, and solar control — while keeping SGP-type structural performance. Published claims: UV block ≥90%; full IR block ≥85%; TSER ≥50%; SHGC 0.238; SC 0.274; visible light transmittance ≥70%; heat shrinkage <2%; radiation resistance 200 h pass. Typical thickness 0.76 mm; example roll hint 0.76 × 1220 × 200 m. Custom widths and roll lengths available from CNCGLASS on request. Positions laminated glass for green-building / energy-efficient curtain walls, skylights, facades, PV, and transport glazing.

Solar-control / heat-insulating specs below (published facts).

Product	Specifications	Packing	Application
Heat-Insulating Ionoplast — Solar-control standard	0.76 mm · UV ≥90% · IR ≥85% · TSER ≥50% · SHGC 0.238 · VLT ≥70%	Roll / sheet	Curtain wall · skylight · facade
Heat-Insulating Ionoplast — Multi-ply / PV / transport	Same solar-control grades · SC 0.274 · radiation 200 h pass · shrinkage <2%	Roll / sheet	PV laminated modules · transport windows / canopies

Note: Heat-insulating / solar-control ionoplast (SGP-type) interlayer film. Published thickness 0.76 mm. No heat-resistance °C is stated for continuous service — process recipes are project-specific. Please contact us for quotations, samples, and lamination guidance.

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 Heat-Insulating Solar-Control Ionoplast Interlayer

Published solar-control / heat-insulating grades for CNCGLASS heat-insulating ionoplast interlayer film (SGP-type). Descriptive grade names only — no supplier model codes. Values below are typical published product facts.

Parameter	Value	Unit / note
Film thickness	0.76	mm
Heat shrinkage	<2%	Published
Radiation resistance 200 h	Pass	Published
Visible light transmittance (VLT)	≥70%	Published
UV block	≥90%	Published
Full IR block	≥85%	Published
Total solar energy rejected (TSER)	≥50%	Published
Solar heat gain coefficient (SHGC)	0.238	Published
Shading coefficient (SC)	0.274	Published

Property	Result	Note
Product type	Heat-insulating / solar-control ionoplast interlayer film	SGP-type membrane
Functional system	Nano / functional additives for IR / UV / solar control	As published
Structural positioning	Keeps SGP-type mechanical performance	Published intro
Thickness	0.76 mm	Published table
Heat shrinkage	<2%	Published
Radiation resistance	200 h pass	Published
VLT	≥70%	Published
UV block	≥90%	Published
Full IR block	≥85%	Published
TSER	≥50%	Published
SHGC	0.238	Published
SC	0.274	Published
Heat rating °C	Not stated	Do not invent
Example roll hint	0.76 × 1220 × 200 m (meta hint)	Custom on request
Customization	Width / length / thickness on request	CNCGLASS

Datasheet values are typical published facts and may vary by batch. Please contact us for the latest test reports (TDS, MSDS, and lab data).

CNCGLASS · Features

- Heat-insulating / solar-control ionoplast interlayer for laminated safety glass (SGP-type).
- Nano / functional additive system for IR, UV, and solar control while keeping SGP-type mechanical performance.
- Published claims: UV block ≥90%; full IR block ≥85%; TSER ≥50%; SHGC 0.238; SC 0.274; VLT ≥70%.
- Film thickness 0.76 mm; heat shrinkage <2%; radiation resistance 200 h pass (published).
- Lowers near-IR / UV contribution to indoor cooling load — green-building / energy-efficiency positioning.
- Suitable for curtain walls, panoramic windows, multi-ply laminates, roof skylights, PV, and transport glazing.
- SGP-type descriptive category for structural laminated glass (CNCGLASS ionoplast wording).

CNCGLASS · Applications

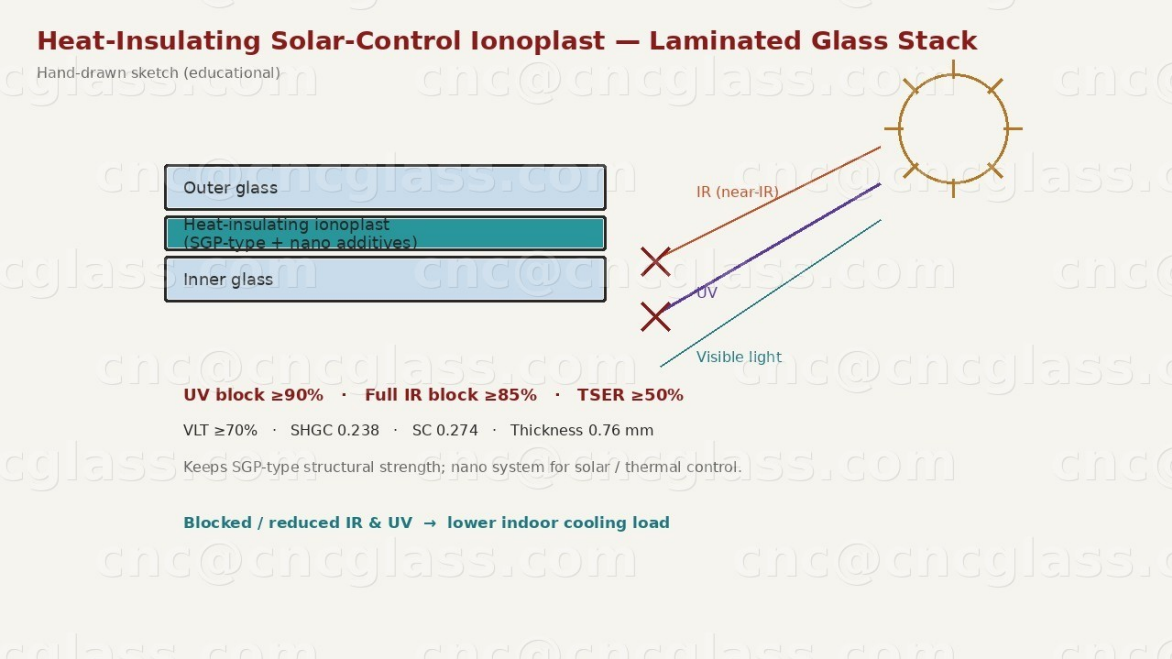
- Architectural curtain-wall laminated glass needing solar control and structural stiffness.
- Large panoramic windows with energy-efficient laminated safety glass.
- Multi-ply laminated glass for facades and overhead / roof skylights.
- Building roof skylights and daylighting with reduced solar heat gain.
- Photovoltaic laminated modules and related PV glass stacks.
- Transport observation windows, canopies, and roof glazing.

CNCGLASS · Storage

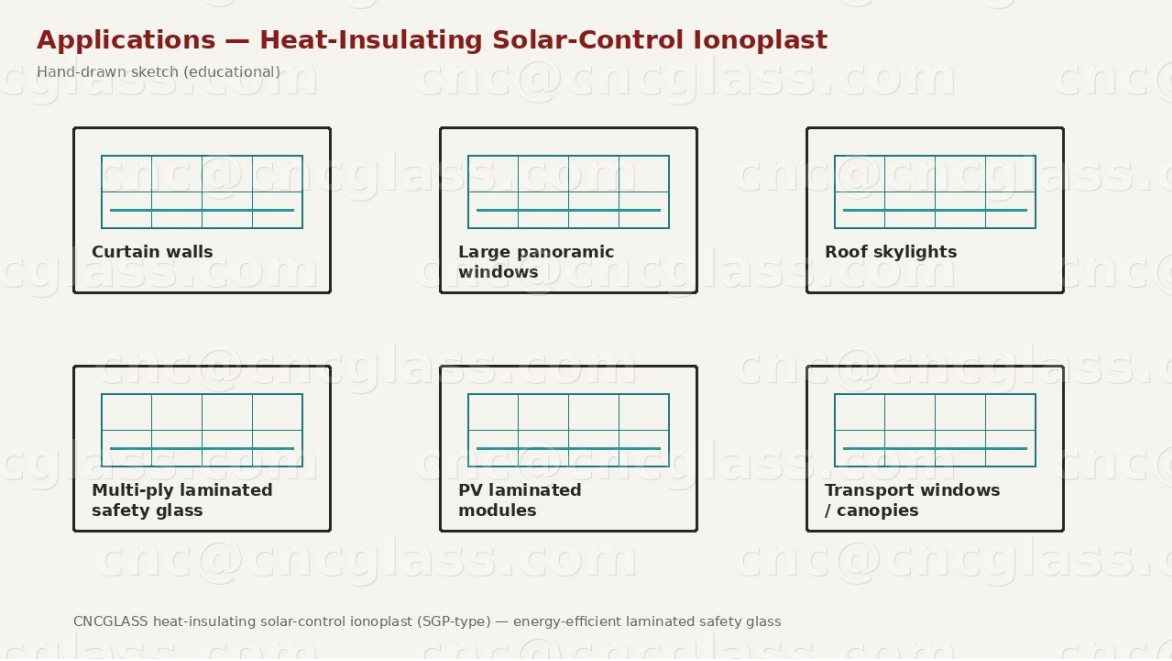
Store heat-insulating ionoplast interlayer rolls in a dry, clean, climate-controlled area. Keep sealed in original moisture-barrier packaging when not in use. Avoid high humidity, open-air overnight storage, and direct sunlight. Protect edges from dirt and damage. Follow CNCGLASS lamination guidance for layup cleanliness and edge protection.

CNCGLASS · How It Works (Hand-Drawn Sketches)

Educational hand-drawn sketches for laminated-glass shops. CNCGLASS heat-insulating solar-control ionoplast interlayer (SGP-type) bonds glass plies into a solar-control laminate for curtain walls, skylights, facades, PV modules, and transport glazing — with published UV / IR / TSER / SHGC performance while keeping SGP-type structural strength.



Stack (hand-drawn sketch): glass / heat-insulating ionoplast (SGP-type + nano additives) / glass — UV ≥90%, full IR ≥85%, TSER ≥50%, SHGC 0.238.



Applications (hand-drawn sketch): curtain walls, panoramic windows, roof skylights, multi-ply laminated glass, PV modules, transport windows / canopies.

CNCGLASS · Product Photos

Product photograph of CNCGLASS heat-insulating solar-control ionoplast laminated glass sample.

Heat-insulating solar-control ionoplast laminated glass sample

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 CNCGLASS heat-insulating solar-control ionoplast interlayer film (SGP-type; 0.76 mm) for curtain walls, skylights, facades, PV safety glass, and transport glazing — please contact us by email or WhatsApp.