



GLASS
PEOPLE
A BETTER
TOMORROW

PVB & SGP INTERLAYER FILM

Innovative Interlayer Solutions for
Architectural, Automotive and Safety Glass



SAFETY

Stronger Protection



CLARITY

Crystal Clear Vision



DURABILITY

Long-lasting Performance



SUSTAINABILITY

A Greener Future



www.fuyingroup.com

INTRODUCTION

PROFESSIONAL INTERLAYER SOLUTIONS
FOR A SAFER, BRIGHTER TOMORROW

Fuyin Group is the parent company of **Anhui Yaojing New Material Technology Co., Ltd.**, a specialized manufacturer of PVB and SGP interlayer films for architectural, automotive and safety glass applications. Combining manufacturing expertise with global market support, we provide reliable interlayer solutions with stable quality, excellent clarity and outstanding performance.

As the manufacturing arm for PVB and SGP films within Fuyin Group, Yaojing serves laminated safety glass, insulated glass, curtain wall, automotive glass and other specialized applications, helping customers create safer, more comfortable and more sustainable buildings and vehicles around the world.



SAFETY

Stronger Protection



CLARITY

Crystal Clear Vision



DURABILITY

Long-lasting Performance



SUSTAINABILITY

A Greener Future



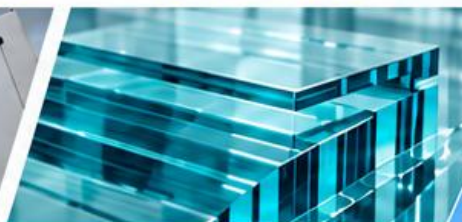
MANUFACTURING STRENGTH

Advanced Production Facilities



QUALITY ASSURANCE

Strict Quality Control



PVB & SGP APPLICATIONS

Solutions for Laminated Glass

INNOVATION
QUALITY
SUSTAINABILITY
TOGETHER

GLASS
PEOPLE
A BETTER
TOMORROW

ADVANCED
PVB & SGP FILMS
FOR A CLEARER WORLD



www.fuyingroup.com

OUR MATERIALS

PROFESSIONAL INTERLAYER SOLUTIONS
FOR A BRIGHTER TOMORROW

INNOVATION
QUALITY
SUSTAINABILITY
TOGETHER

ADVANCED
INTERLAYER FILMS
FOR A CLEARER WORLD

■ Architectural PVB Film

- ✓ Clear PVB Film
- ✓ Acoustic PVB Film
- ✓ UV Proof PVB Film
- ✓ Color PVB Film

■ Automotive & Solar PVB Film

- ✓ Car PVB Film
- ✓ Photovoltaic PVB Film

■ SGP Interlayer Film

- ✓ Clear SGP Film
- ✓ Color SGP Film



ARCHITECTURAL PVB FILM

Reliable interlayer solutions for laminated safety glass

Our architectural PVB film offers excellent clarity, strong adhesion, safety protection and durable performance for architectural glazing.



High
Transparency



Strong
Adhesion



Safety
Protection



UV
Resistance

APPLICATIONS



Curtain Walls



Windows & Doors



Skylights & Canopies



Railings & Balustrades

AVAILABLE TYPES

Clear

Extra Clear

Acoustic

UV-Proof

Color

Thickness:

0.38 | 0.76 | 1.14 | 1.52 mm

INNOVATION
QUALITY
SUSTAINABILITY
TOGETHER

GLASS
PEOPLE
A BETTER
TOMORROW

BUILDING
SAFER
BRIGHTER
SPACES

MORE
THAN GLASS
A BRIGHTER
TOMORROW



EXTRA CLEAR PVB FILM

High-clarity interlayer for laminated architectural safety glass

Extra clear PVB film delivers outstanding transparency, reliable adhesion, safety protection and stable performance for architectural laminated glass.

KEY BENEFITS



**High
Transparency**



**Strong
Adhesion**



**Safety
Protection**



**Stable
Performance**

APPLICATIONS



Curtain Walls



Skylights & Canopies



Railings & Balustrades



Architectural Façades

MORE
THAN GLASS
A BRIGHTER
TOMORROW

INNOVATION
QUALITY
SUSTAINABILITY
TOGETHER

GLASS
PEOPLE
A BETTER
TOMORROW

BUILDING
SAFER
BRIGHTER
LIVES

TECHNICAL DATA SHEET (TDS)

Properties	Unit	0.38 mm	0.76 mm	1.14 mm	1.52 mm
Thickness	mm	0.38	0.76	1.14	1.52
Color	—	Extra Clear	Extra Clear	Extra Clear	Extra Clear
Appearance	—	Achromatic or yellowish transparent film with smooth surface			
Length (m)	m	450	250	200	120
Width (mm)	mm	500 – 3300	500 – 3300	500 – 3300	500 – 3300
Thickness Tolerance	mm	±0.02	±0.02	±0.02	±0.02
Haze	%	≤0.15	≤0.15	≤0.15	≤0.3
Light Transmittance	%	≥90%	≥90%	≥90%	≥90%
Roughness	%	23 – 30	25 – 35	28 – 40	32 – 45
Moisture	%	0.35 – 0.55	0.35 – 0.55	0.35 – 0.55	0.35 – 0.55
Yellow Index	≤	1.2	1.2	1.2	1.2
Shrinkage (60°C / 15 min)	%	≤3	≤2	≤1.5	≤1.5
Tensile Strength	MPa	≥20	≥20	≥20	≥20
Knock Value	J	7 – 9	7 – 9	7 – 9	7 – 9
Elongation at Break	%	≥200	≥200	≥200	≥200



AVAILABLE THICKNESS: 0.38 mm | 0.76 mm | 1.14 mm | 1.52 mm

Custom thickness available up to 3.0 mm.



ACOUSTIC PVB FILM

Specialized interlayer for laminated acoustic safety glass

Acoustic PVB is formulated with special plasticizers and damping additives to reduce sound transmission and improve indoor comfort, while maintaining excellent safety performance and optical clarity.



Sound
Insulation



Safety
Protection



Strong
Adhesion



Optical
Clarity

IDEAL FOR



Residential
Buildings



Offices & Hotels



Hospitals



Studios &
Broadcast Rooms

QUIETER
SPACES
BRIGHTER
LIVES



GLASS
PEOPLE
A BETTER
TOMORROW

A MORE
PEACEFUL
WORLD

ACOUSTIC PERFORMANCE REFERENCE

Glass Configuration	Approx. Rw	Typical Use
4 mm + 0.76 Acoustic PVB + 4 mm	38 – 39 dB	Basic acoustic glazing
5 mm + 0.76 Acoustic PVB + 5 mm	40 – 41 dB	Residential windows
6 mm + 0.76 Acoustic PVB + 6 mm	43 – 45 dB	Offices & hotels
8 mm + 0.76 Acoustic PVB + 8 mm	46 – 47 dB	Higher noise control
10 mm + 0.76 Acoustic PVB + 10 mm	47 – 48 dB	Hospitals & studios
12 mm + 0.76 Acoustic PVB + 12 mm	48 – 49 dB	Premium acoustic glazing
6 mm + 0.76 Acoustic PVB + 12 mm	45 – 46 dB	Low-frequency noise control

Performance may vary depending on full glass build-up and installation conditions.



COLOR PVB FILM

Decorative interlayer solutions for laminated safety glass

Color PVB film is available in a variety of shades, enhancing aesthetic appeal while providing laminated safety performance for architectural glazing.



Wide
Color Range



Decorative
Appeal



Safety
Protection



Design
Flexibility

IDEAL FOR



Partitions &
Interiors



Curtain Walls



Decorative Facades



Furniture &
Glass Features

BRIGHTER
SPACES
MORE
POSSIBILITIES

TECHNICAL DATA SHEET (TDS)

Property	Typical Value (0.38 mm)
Thickness	0.38 mm
Length (m)	450
Width (mm)	500 – 3300
Thickness Tolerance (mm)	±0.02
Haze %	Depends on the film color
Light Transmittance	0 – 88%
Roughness	23 – 30
Moisture %	0.35 – 0.55
Yellow Index	—
Shrinkage (60°C / 15 min)	≤5
Tensile Strength	≥20
Knock Value	7 – 9
Elongation at Break	≥200

AVAILABLE COLORS (EXAMPLES)



Clear Tint



Blue



Green



Grey



Bronze



Custom Colors
Available



UV PROOF PVB FILM

Protective interlayer solution for laminated safety glass

UV proof PVB film is designed for laminated architectural glass applications requiring enhanced ultraviolet protection while maintaining safety, clarity and reliable adhesion.



Enhanced
UV Protection



Safety
Protection



Strong
Adhesion



Optical
Clarity

IDEAL FOR



Museums &
Galleries



Retail Display
Windows



Residential
Windows & Doors



Curtain Walls
& Skylights

BRIGHTER
SPACES
MORE
POSSIBILITIES

TECHNICAL DATA SHEET (TDS)

Property	0.38 mm	0.76 mm	1.14 mm	1.52 mm
Color	Clear / UV-Proof			
Appearance	Transparent film with smooth surface			
Length (m)	450	250	200	120
Width (mm)	500 – 3300	500 – 3300	500 – 3300	500 – 3300
Thickness Tolerance (mm)	±0.02	±0.02	±0.02	±0.02
Light Transmittance	≥88%	≥88%	≥88%	≥88%
Roughness	23 – 30	25 – 35	28 – 40	32 – 45
Moisture %	0.35 – 0.55	0.35 – 0.55	0.35 – 0.55	0.35 – 0.55
Yellow Index	≤1.2	≤1.2	≤1.2	≤1.2
Shrinkage (60°C / 15 min)	≤3	≤2	≤1.5	≤1.5
Tensile Strength	≥20 MPa	≥20 MPa	≥20 MPa	≥20 MPa
Knock Value	7 – 9	7 – 9	7 – 9	7 – 9
Elongation at Break	≥200%	≥200%	≥200%	≥200%



Key Function:

Helps reduce harmful UV transmission and protect interior furnishings from fading.

AVAILABLE THICKNESS: 0.38 mm | 0.76 mm | 1.14 mm | 1.52 mm



AUTOMOTIVE PVB FILM

Reliable interlayer solution for laminated automotive safety glass

Automotive PVB film is designed for vehicle laminated glass applications, providing safety retention, optical clarity, UV protection and improved driving comfort. It is widely used in modern windshield and automotive glazing systems.



**Safety
Protection**



**Optical
Clarity**



**UV
Protection**



**Noise
Reduction**

AUTOMOTIVE PVB TYPES



Clear Windshield



Green Shade /
Gradient PVB



Blue Shade /
Gradient PVB



Grey Shade PVB

TECHNICAL DATA SHEET (TDS)

Property	0.76 mm Automotive PVB Film
Thickness (mm)	0.76
Uniformity (mm)	≤0.022
Width (mm)	± (0 – 15)
Density (g/cm ³)	1.07
Tensile Strength (N)	≥200
Haze %	<0.3
Light Transmittance	≥90%
Elongation at Break	≥200%
Shrinkage (60°C / 15 min)	≤3
Yellowish (%)	≤10
Color	Clear, Green Band, Blue Band, Grey Shade



AVAILABLE THICKNESS:
0.76 mm

PROTECTING
GLASS,
PRESERVING
SPACES



SGP IONIC INTERLAYER FILM

High-strength structural interlayer for laminated safety glass

SGP film is a high-performance ionic structural interlayer developed for laminated glass applications requiring superior strength, stiffness and long-term durability. It is ideal for structural glazing, open-edge laminated glass and high-security applications.



Ultra High
Strength



Superior
Clarity



High
Durability



Post-breakage
Safety

APPLICATIONS



Curtain Walls &
Glass Fins



Railings & Balconies



Glass Floors & Stairs



High-security Glazing

TECHNICAL DATA SHEET (TDS)

Property	Unit	Test Method	Test Result
Density	g/cm ³	ASTM D792	0.96
Haze	%	ASTM D1002-21	0.22
Light Transmittance	%	ASTM D1002-21	90.6
Moisture Content	%	SH/T1770-2010	0.10
Tensile Strength	MPa	ASTM D638	34.8
Elongation at Break	%	ASTM D638	279.5
Tear Strength	kN/m	ASTM D1004	146.7
UV Blocking	%	ASTM E903	99.9
Heat Shrinkage	%	T/ZBH 014-2021	1.1
Pummel Value	class	T/ZBH 014-2021	9
Yellowness Index	%	ASTM E313	0.21



Model No.: SG800

Available Thickness: 0.76 mm | 0.89 mm | 1.52 mm | 2.28 mm

Custom thickness available on request

Width: Up to 4300 mm



5x stronger
than traditional PVB



Up to 100x
stiffer



Plasticizer-free



Excellent
edge stability



OUR CERTIFICATES

Recognized quality assurance for laminated glass interlayer solutions



Certified Quality



Tested Performance



Reliable Standards



Global Confidence

QUALITY
BUILDS
A BRIGHTER
TOMORROW

SGCC
safety glazing certification council

P.O. BOX 130
NORTHPOINT, N.Y. 13485
PHONE: 516-649-6384
FAX: 516-649-6377

7.22.2026

Anhui Yaojing New Material Technology Co., Ltd.
No.3 Panwang Road, Chahe New Area, Chahe Town, Lai'an, Chuzhou City,
Anhui Province, 239236, China

Thank you for supplying SGCC with the required vanthering class for Anhui Yaojing New Material Technology Co., Ltd interlayer products. It is our intention to have information for our most recent demonstration compliance products for ANSI Z97.1-2015 certified confirming the section 6 the following section series.

(b) Polyvinyl Butyral: YAOJING (.030)

We will maintain these documents on file as proof of compliance for ANSI Z97.1-2015 and SGCC certification. E.C.C.A. is not responsible for the continued production of the status of your compliance to ANSI Z97.1-2015 compliance products that have been as possible.

Thank you,

Kristin Best

Kristin Best
SGCC Program Manager

SGCC Certificate



中国合格评定
国家认可
CNAS L 1000

Test Report

Report Number: WT20240342(E)

Name of Sample: PVB interlayer

Client: Anhui Yaojing New Material Technology Co., Ltd.

Test Category: Consignment inspection

China Building Material Testing Group Qianhuangdao Co., Ltd.
National Glass Quality Inspection and Testing Center

CNAS Test Report



质量管理体系认证证书

第一类质量管理体系认证

安徽耀晶新材料科技有限公司

统一社会信用代码: 91341123MA8SPWAL032

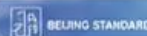
地址: 安徽省芜湖市繁昌经济开发区

GB/T19001-2016/ISO9001:2015

认证范围: 玻璃膜生产

PVB 玻璃中间片及生产及质量管理活动

发证日期: 2024-03-10 有效期至: 2027-03-09



QUALITY MANAGEMENT SYSTEM CERTIFICATE

Registration No. 046-24Q-1487-40-5

This is to certify that

Anhui Yaojing New Material Technology Co., Ltd.
No. 3 Panwang Road, Chahe New Area, Chahe Town, Lai'an,
Chuzhou City, Anhui Province, 239200

Which is in conformity with

GB/T19001-2016/ISO9001:2015

Scope of Certification

PVB film production and related management activities

Issue date: May 11, 2024 Term of validity: May 10, 2027



ISO 9001 Certificate



GENERAL PRODUCT SAFETY DIRECTIVE ATTESTATION OF CONFORMITY

Technical file of the company mentioned below has been observed.
2011/95/EC General Product Safety Directive has been taken as references for these processes.

Company Name: Anhui Yaojing New Material Technology Co., Ltd.

Company Address: No. 3 Panwang Road, Chahe New Area, Chahe Town, Lai'an,
Chuzhou City, Anhui Province, China

Related Directives and Annex: 2011/95/EC General Product Safety Directive

Related Standards: EN 62321-4:2014+A1:2017, EN 62321-5:2014, EN 62321-4:2015
EN 62321-7-1:2015, EN 62321-7-2:2017, EN 62321-8:2017

Product Name: PVB Intermediate Membrane

Report No and Date: 85TDG1033466466001 18:268 / Mar.18.2024

Product Brand/Model/Type: 0.76mm, 0.35mm

Certificate Number: M. 2024.206.C. 96015

Initial Assessment Date: 19.03.2024

Registration Date: 20.03.2024

Reissue Date/No: -

Expiry Date: 19.03.2029

UDEM International Certification
Auditing Training Centre Industry
and Trade Inc. Co.
Muratbeylioglu
General Manager



UDEM Certificate



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QUALITY CONTROL, FACTORY EQUIPMENT & PACKAGING

High-quality raw materials, advanced production equipment, strict quality control and secure packaging ensure reliable PVB performance.



Shrinkage Testing



Impact Resistance Test



Quality Inspection



Film Roll Production



Clean-room Production Line



Automatic Winder



Roll Packaging



Container Loading



Automated Equipment



Warehouse Storage

SELECTED PROJECTS

Project References in UAE & China

Our PVB and SGP interlayer solutions are applied in a range of architectural and safety glazing projects.



High-rise



Villa



Commercial



Landmark

UAE PROJECTS



Elegant Tower
UAE



Chic Tower
UAE



Massar Villa
UAE

CHINA PROJECTS



SUOZHO DREAM VILLA
China



China World Mall
China



OPPO Tower
China

UAE | MODERN ARCHITECTURE | BRIGHTER LIVING

CHINA | INNOVATIVE SPACES | SUSTAINABLE CITIES





A STRONGER GLASS A BRIGHTER WORLD



YAOJING

Manufactured by
Anhui Yaojing New Material
Technology Co., Ltd.

GLASS
PEOPLE
A BETTER
TOMORROW

GLOBAL OFFICES & CONTACT

PVB & SGP Interlayer Film Solutions



China Factory

No. 3 Panwang Road, Chahe New Area, Chahe Town,
Laian County, Chuzhou City, Anhui Province, China



China Office

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Phone: +86 132 2293 8198



UAE Office & Warehouse

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A STRONGER GLASS A BRIGHTER WORLD