



YAOJING

PVB

**YAOJING NEW MATERIAL
TECHNOLOGY CO., LTD.**



PVB FILM MANUFACTURER

CHINA : +86 550 5900099

UAE : +971 50 809 1052



YAOJING
| PVB |

COMPANY PROFILE

Yaojing New Material Technology Co., Ltd. Is was founded in 2008 in Chuzhou City, Anhui Province. Our factory is a pioneering enterprise specializing in the research, development, production, and sales of PVB intermediate membranes and photovoltaic films. With a registered capital of 5 million yuan and a total project investment of 50 million yuan, our company focuses on automotive, building, and photovoltaic PVB intermediate film projects.

Our extensive range of products finds applications in construction, automotive industries, solar photovoltaic installations, and BIPV photovoltaic curtain wall components. We are committed to delivering high-quality solutions that meet the diverse needs of modern architectural and energy projects.

Our products at Yaojing New Material Technology Co., Ltd. have undergone rigorous testing and attained several prestigious certifications. These include the "CTC National Inspection" for national safety glass quality supervision, "EU CE certification," and compliance with ISO9001:2015 for quality management and ISO45001:2020 for occupational health management systems. These certifications underscore our commitment to delivering products of the highest standards across various industries.



YAOJING

| PVB |

OUT PUT VALUE

Our factory facilitated with two advanced automatic over-roll double screw production lines with an annual capacity of approximately 10,000 tons. These lines specialize in the extrusion molding of high-grade PVB film, ensuring automatic cold/heat adjustment to precisely meet customer-specific film thickness requirements. Equipped with advanced online thickness gauges, defect detectors, index analyzers, and other cutting-edge tools, we ensure the stability and precision of product quality. Our capability extends to producing PVB film with a maximum width of 3300mm, effectively meeting diverse customer requirements.

BUSINESS PHILOSOPHY

Adhering to the core values of 'quality first, service foremost', we uphold integrity, professionalism, and efficiency as the pillars of our business. Our commitment to delivering superior quality and exemplary service with gratitude defines our dedication to customer satisfaction.





YAOJING
| PVB |

01



**Architectural grade
PVB film**

Color PVB film

02



03



**Photovoltaic grade
PVB film**

**Automotive
PVB film**

04



04



YAOJING
| PVB |

OUR PRODUCTS

PVB intermediate membrane can be widely used in architectural laminated glass, automotive laminated glass, solar photovoltaic glass, bulletproof glass, soundproof glass and so on. It has good safety to prevent the glass from breaking under the action of external force and the splinters from hurting people. In addition, it has sound insulation, ultraviolet protection, can be made of color or high transparency, and has optical application value, such as the application of solar photovoltaic.



1. Architectural grade PVB film

suitable for architectural glass with excellent security and anti-theft properties, superior sound insulation, and UV resistance.

2. Color PVB film

Available in a variety of colors, enhances aesthetic appeal while providing excellent safety, sound insulation, and UV protection for architectural glass applications

3. Photovoltaic grade PVB film

Designed for use in solar panels, offers exceptional durability, UV resistance, and efficiency, making it an ideal choice for renewable energy applications.

4. Automotive PVB film

It is designed to improve vehicle safety, noise reduction, and UV protection, making it an essential component in modern windshield and window manufacturing



YAOJING
| PVB |

Architectural Grade PVB Film

Description: Suitable for architectural glass with excellent security and anti-theft properties, superior sound insulation, and UV resistance.

Features:

- ✓ Enhanced safety and security
- ✓ Superior sound insulation
- ✓ Excellent UV resistance
- ✓ Ideal for modern building applications



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



YAOJING
| PVB |

Color PVB Film

Description: Available in a variety of shades, enhancing aesthetic appeal while providing excellent safety, sound insulation, and UV protection.

Features:

- ✓ Wide range of colors
- ✓ Enhances aesthetic appeal
- ✓ Superior safety and security
- ✓ Excellent sound insulation and UV protection



Thickness	0.38mm
Length (m)	450
Width (mm)	500-3300
Thickness Tolerance(mm)	±0.02
Haze %	Dependes to the film color
Light Transmittance	Oct-88
Roughness	23 - 30
Moisture %	0.35 - 0.55
Yellow Index	
Shrinkage(60C/15min)	≤5
Tensile Strenth	≥20
Knock value	7 - 9
Elongation at break	≥200



Photovoltaic PVB Film

ITEMS	TRANSPARENT	WHITE
Thickness mm	0.76, 0.5, 1.14, 1.52	0.5
Moisture %	0.35 - 0.55	0.35 - 0.55
Roughness	25 - 50	20-35
Knock value	7 - 9	7 - 9
Shrinkage(60C/15min)	≤3	≤4
Haze %	≤0.4	≤0.4
Light Transmittance	≥90%	≥90%
Tensile Strength	≥20	≥20
Yellow Index	≤8	≤8
Volume resistivity	≥10*10	≥10*10
Anti - UV	375	375
Elongation at break	≥200	≥200
Shear Force	≥16	≥16

Description: Designed for use in solar panels, offering exceptional durability, UV resistance, and efficiency.

Features:

- ✓ High durability and longevity
- ✓ Superior UV protection
- ✓ Maximizes solar panel efficiency
- ✓ Ideal for renewable energy applications





Automotive PVB Film

Description: Improves vehicle safety, noise reduction, and UV protection, essential for modern windshield and window manufacturing.

Features:

- ✓ Enhanced vehicle safety
- ✓ Superior noise reduction
- ✓ Excellent UV protection
- ✓ Essential for automot

ITEMS	TRANSPARENT
Thickness mm	0.38, 0.76, 1.14
Uniformity(mm)	≤0.022mm
Width(mm)	+ (0 -15)mm
Density(g/cm ³)	1.07g/ cm ³
Tensile Streth (N)	≥200N
Haze %	≤0.3
Light Transmittance	≥90%
Elongation at break	≥200%
Shrinkage(60C/15min) (%)	≤3
Yellowish (%)	≤10%
Color	Clear, Blue Band, Green Band



YAOJING
| PVB |

Our Certificates





YAOJING
| PVB |

Quality Control

✓ Thickness Control

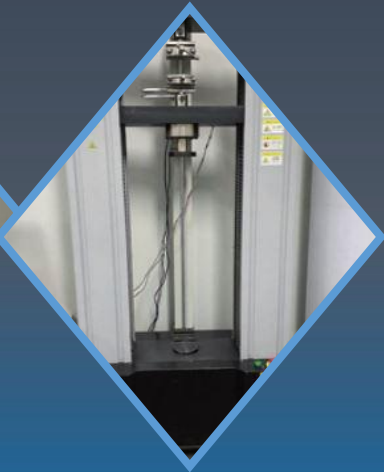
To ensure the thickness remains within the tolerance range, we utilize an online detection system. This system continuously monitors the thickness, automatically sending data back for analysis to maintain precise control

✓ Quality Assurance

To ensure the highest quality of our PVB film, we established a state-of-the-art laboratory equipped with advanced analysis and testing instruments. During production, we conduct sample tests and spot checks, meticulously recording results to ensure the consistency and reliability of every batch.

✓ Moisture Control

Moisture is a critical factor in the production process of laminated glass. We apply both online and offline measurements to ensure every roll of PVB remains within the optimal moisture range





YAOJING
| PVB |

Factory Equipment & Raw material

We use high-quality resin to produce our PVB, ensuring that the final product meets the highest standards of performance and reliability.



AUTOMATIC PRODUCTION LINE



AUTOMATIC WINDER



YAOJING
| PVB |

Packaging

Each layer of PVB film is separated by PE film and vacuumed in an aluminum foil bag, then put into a plywood box.





YAOJING
PVB

CHINA

+86 550 5900099

www.yjpvb.com

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

Unmatched Quality,
Unwavering Strength: Your
Trusted PVB Solution

Thank You for Choosing
Yaojing PVB

+971 50 291 0889

www.fuyingroup.com

info@fuyingroup.com

1102, Ibn Battute Gate,
Jebal Ali, Dubai, UAE

UAE

Yaojing New Material Technology