



# EVA FILM

INTERLAYER FOR LAMINATED GLASS

**FUYIN GROUP**

**+86 166 7852 5588**

**+971 50 809 1052**

**info@fuyingroup.com**

**www.fuyingroup.com**





**EVA**

**1**

**CLEAR EVA FILM**

**2**

**WHITE&COLOR EVA FILM**

**3**

**ENVIRONMENT**



01

# CLEAR EVA FILM

(INTERIOR & EXTERIOR USE)

EVA FILM HAS BEEN WIDELY USE IN INTERIOR  
DECORATIVE GLASS AND EXTERNAL ARCHITECTURAL  
GLASS FOR MANY YEARS

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# CLEAR EVA FILM

## **INTERIOR CLEAR**

USE FOR FABRIC,PAPER, PET  
FILM LAMINATING (ONLY  
INTERIOR USE)

## **HIGH CLEAR**

USE FOR ARCHITECTURAL  
TEMPERED GLASS (THIS TYPE  
OF EVA WITH GOOD FLUIDITY)

## **SUPER CLEAR**

USE FOR SUNSHINE ROOM,  
GLASS FENCE,BANISTERS ETC

## **ULTRA CLEAR**

USE FOR SMART FILM  
LAMINATING (INTERIOR  
& EXTERIOR)

# INTERIOR CLEAR EVA FILM TDS



Thickness	Width	Length
0.25mm	≤2600	150m
0.38mm	≤2700	100m
0.5mm	≤2700	80m
0.76mm	≤2700	50m

Test Items	Unit	Performance Index
Melting point	°C	63
Density	g/cm <sup>3</sup>	0.951
Glass Transition Temp	°C	45
Tensile Strength	Mpa	31
Elongation(before lamination)	%	774
Water Absorption	%	≤0.1
Haze	%	0.8
VL Transmittance	%	87.4
Bonding Strength	N/10mm	95
UV Blocking	%	40
85°C85%humidity 1000hours	T%	80
Shot-bag Impact test	1200mm	Qualified
Ball impact peeling test	3000mm	Qualified
Humidity aging resistance	/	Qualified

# INTERIOR CLEAR EVA FILM RECIPE

GLASS	GROUPS OF GLASS	LOW TEMP.(°C)	TIME	HIGH TEMP.(°C)	TIME
5 m m + 5 m m	1	63	30mins	110	40mins
5 m m + 5 m m	2	63	30mins	110	65mins
6 m m + 6 m m	1	63	30mins	110	50mins
6 m m + 6 m m	2	63	40mins	110	70mins
8 m m + 8 m m	1	63	30mins	110	70mins
1 0 m m + 1 0 m m	1	63	45mins	110	70mins

1

When laminated with fabric, the high temp. section is set at 110°C, and the glass stack should not exceed three groups! The thickness of EVA film you chose to use according to the flatness of tempered glass. Usually, the special-shaped tempered glass need the thicker film than the ordinary tempered glass.

2

When the humidity is high, the fabric and materials must be dried! The low temp. section should be extended for 10-15 minutes when processing.

3

The glass should be put into the vacuum bag and cold-pumping for 5-10 minutes and then heated up. During the plum rain season, when the relative humidity is greater than 80%, process carefully.



# INTERIOR CLEAR EVA FILM



Fabric Laminated Glass

# HIGH CLEAR EVA FILM TDS



Thickness	Width	Length
0.25mm	≤2600	150m
0.38mm	≤2700	100m
0.5mm	≤2700	80m
0.76mm	≤2700	50m
1.14mm	≤2700	40m
1.52mm	≤2700	30m

Test Items	Unit	Performance Index
Melting point	°C	66
Density	g/cm <sup>3</sup>	0.954
Glass Transition Temp	°C	45
Tensile Strength	Mpa	24.9
Elongation(before lamination)	%	811
Water Absorption	%	≤0.1
Haze	%	0.25
VL Transmittance	%	90
Bonding Strength	N/10mm	98
UV Blocking	%	≥85
85°C85%humidity 1000hours	T%	88
Shot-bag Impact test	1200mm	Qualified
Ball impact peeling test	3000mm	Qualified
Humidity aging resistance	/	Qualified



# SUPER CLEAR EVA FILM TDS



Thickness	Width	Length
0.25mm	≤2600	150m
0.38mm	≤2700	100m
0.5mm	≤2700	80m
0.76mm	≤2700	50m
1.14mm	≤2700	40m
1.52mm	≤2700	30m

Test Items	Unit	Performance Index
Melting point	°C	68
Density	g/cm <sup>3</sup>	0.958
Glass Transition Temp	°C	-45
Tensile Strength	Mpa	44.6
Elongation(before lamination)	%	842
Water Absorption	%	≤0.1
Haze	%	0.22
VL Transmittance	%	90.3
Bonding Strength	N/10mm	112
UV Blocking	%	≥30
85°C85%humidity 1000hours	T%	88
Shot-bag Impact test	1200mm	Qualified
Ball impact peeling test	3000mm	Qualified
Humidity aging resistance	/	Qualified

# HIGH CLEAR / SUPER CLEAR RECIPE

GLASS	GROUPS OF GLASS	LOW TEMP.(°C)	TIME	HIGH TEMP.(°C)	TIME
5 m m + 5 m m	1	63	30mins	138	40mins
6 m m + 6 m m	1	63	30mins	138	45mins
6 m m + 6 m m	4	63	45mins	138	110mins
8 m m + 8 m m	1	63	30mins	138	70mins
8 m m + 8 m m	2	63	40mins	138	90mins
8 m m + 8 m m	3	63	45mins	138	110mins
1 0 m m + 1 0 m m	1	63	40mins	138	65mins
1 2 m m + 1 2 m m	1	63	40mins	138	70mins

1

The thickness of EVA film you chose to use according to the flatness of tempered glass.Usually,the shaped tempered glass need the thicker film than the ordinary tempered glass.

2

high clear and super clear are suitable for outdoor use. When processing outdoor glasses,the temperature of the high temp. section cannot be lower than 138 °C. If use to laminate with fabric ,the setting of high temp. section must adjust to 125°C, and the remaining processing parameters are unchanged (The groups of glasses can be over 3 when laminate with fabric).

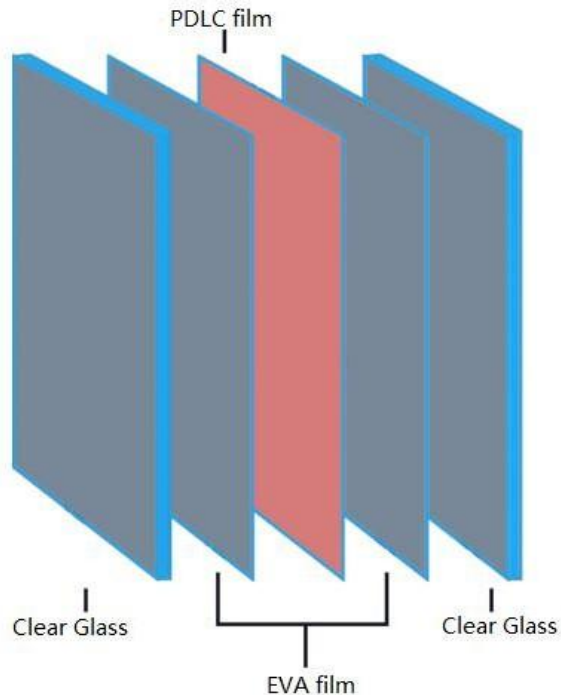
3

When the humidity is high, the low temperature section should be extended; And all materials must be dried.

# ART LAMINATION GLASS



# ULTRA CLEAR EVA FILM TDS



Thickness	Width	Length
0.66mm	≤2700	50 m
0.76mm	≤2700	50 m
0.80mm	≤2700	50 m

Test Items	Unit	Performance Index
Melting point	°C	64
Density	g/cm <sup>3</sup>	0.988
Glass Transition Temp	°C	40
Tensile Strength	M p a	18.75
Elongation(before lamination)	%	755
Water Absorption	%	≤0.18
Haze	%	0.15
VL Transmittance	%	92
Bonding Strength	N / 10 m m	138
U V Blocking	%	87
85°C85%humidity 1000hours	T %	90
Shot-bag Impact test	1 2 0 0 m m	Qualified
Ball impact peeling test	3 0 0 0 m m	Qualified
Humidity aging resistance	/	Qualified



# ULTRA CLEAR EVA FILM RECIPE

GLASS	GROUPS OF GLASS	LOW TEMP.(°C)	TIME	HIGH TEMP.(°C)	TIME
5 m m + 5 m m	1	63	40mins	125	60mins
6 m m + 6 m m	1	63	30mins	125	70mins
8 m m + 8 m m	1	63	30mins	125	80mins
1 0 m m + 1 0 m m	1	63	45mins	125	90mins

1

It is suitable for pdlc film laminated processing, only one group of glass in the furnace. The thickness of the film is 0.80mm. The curved tempered and the special-shaped tempered glass usually use 1.0mm thick film.

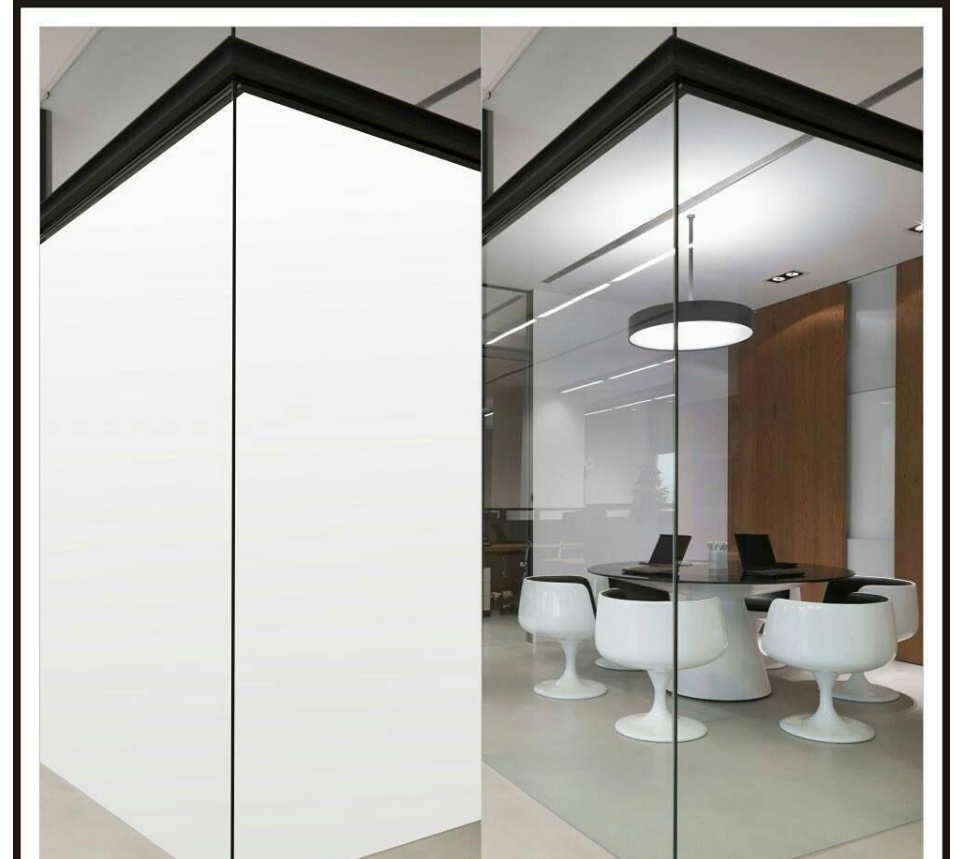
2

The smart film must be tested before laminating. The smart film must be slightly smaller than the glass, and the protective film must be removed. After laminating, use high temperature tape to seal the glass around, don't damage the electrodes.

3

The glass should be put into the vacuum bag and cold-pumping for 5-10 minutes and then heated up. During the rain season, when the relative humidity is greater than 80%, process carefully.

# SMART GLASS





# WHITE & COLORFUL EVA

WE CAN SUPPLY MORE THAN 50 TYPES OF WHITE &  
COLORFUL EVA FILM FOR INTERIOR USE

# WHITE & COLORFUL EVA

02



Color	Width(mm)	Length(m)
White	2000mm-2500mm	50m/roll or 100m/roll
Coloful	2400mm/2450mm	50m/roll

- ❖ 13 types white E V A film with different transparency
- ❖ Mainly use opaque/sandblasting /milky white.



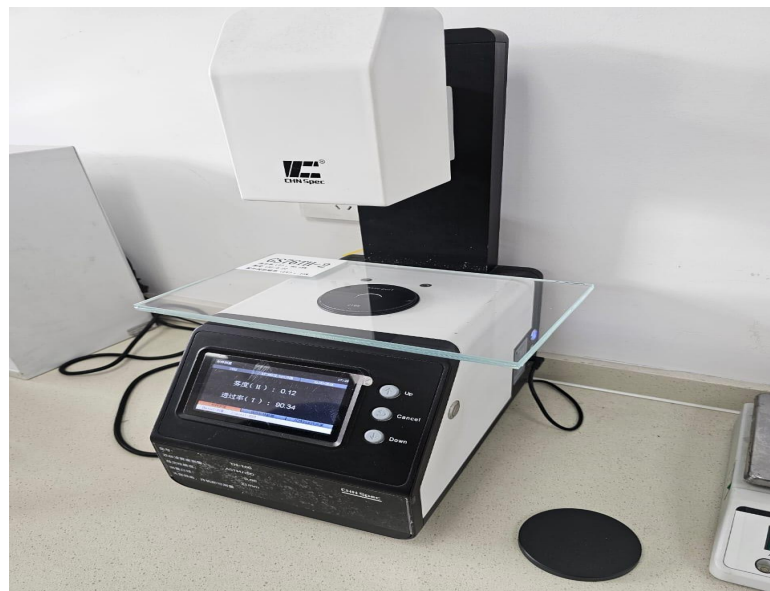
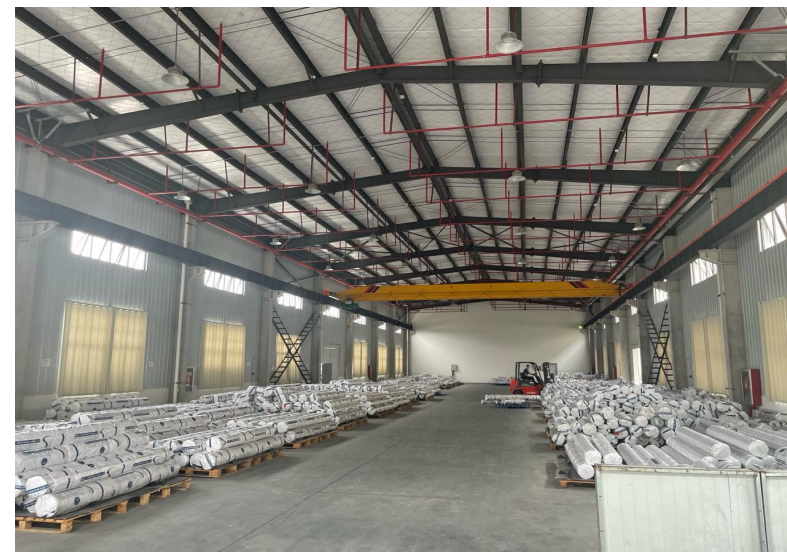


# ENVIRONMENT

Our company is equipped with 4 production lines, constant temperature and humidity dust-free workshop

# ENVIRONMENT

04



# THANK YOU



## PHONE

+86 166 7852 5588

+971 50 291 0889



## FACTORY ADDRESS

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



## UAE ADDRESS

Industrial 18, Sharjah , UAE



## WEBSITE

[www.chinayaojing.com](http://www.chinayaojing.com)

[www.fuyingroup.com](http://www.fuyingroup.com)



## EMAIL

[info@chinayaojing.com](mailto:info@chinayaojing.com)

[info@fuyingroup.com](mailto:info@fuyingroup.com)