

HOW TO MAKE PVB LAMINATED GLASS WITH PVB FILM POLYVINYL BUTYRAL(2-1)

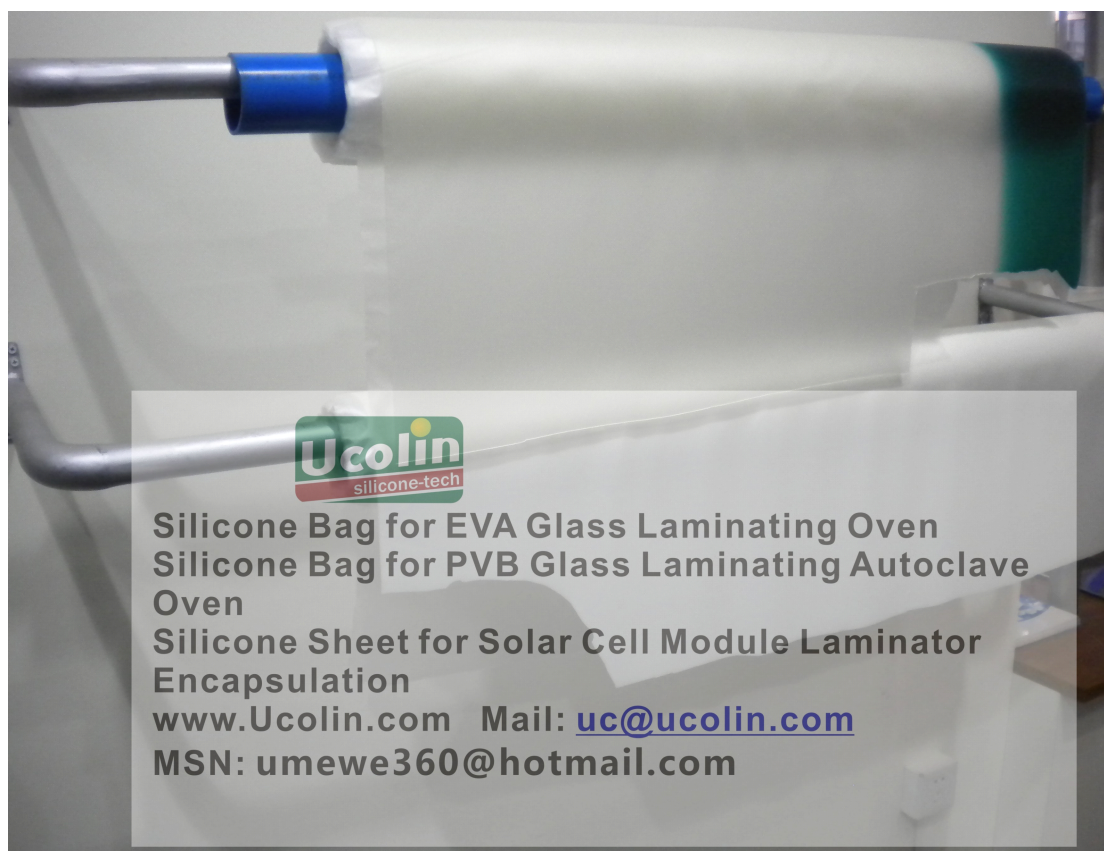
By Peter Shin

www.HelloGlass.com

The storage and protection of PVB film when laminating safety glass with Polyvinyl Butyral PVB film

Warehouse condition:

Indoor, Normal temperature, humidity lower than 65%



Storage period:

To be stored in buyer's warehouse less than 24 months after the producing date

Don't open the package if it's not used immediately.

Prevent the package from getting wet.

Put the PVB film into the combining room for at least 24 hours before use.

The rest PVB film must be stored in a room with temperature and

All Rights Reserved By:

UCOLIN SILICONE TECH

(1)-Silicone Vacuuming Bag for EVA Glass Laminating Machine/Privacy Glass Laminating

(2)-Silicone Sheet for EVA Glass Laminating Machine

(3)-Silicone Bag for PVB Glass Laminating Auto-clave

(4)-Silicone Rubber Sheet for Solar Cell Module Laminating Machine

(5)-Silicone Sheet for Wood Door Vacuum Laminating Machine Vacuum Press Machine Vacuum Filming Machine

Contact Us: uc@ucolin.com / www.ucolin.com

umewe360@gmail.com / umewe360@hotmail.com

HOW TO MAKE PVB LAMINATED GLASS WITH PVB FILM POLYVINYL BUTYRAL

moisture control.

=====

Glass cleaning and requirement when laminating safety glass with Polyvinyl Butyral PVB film

Purpose:

Erase any oil or dust on the glass surface

Enhance adhesion capacity

Basic condition and requirement:

Clean the glass. City-water is available

Rinse the glass with treated water only.

Water quality requirement: $<30 \text{ uS}$ or $>1\text{M } \Omega$, Hardness $<10\text{ppm}$, Water temperature $40\text{-}60^\circ\text{C}$

The glass must be dried completely. Both hot wind and cold wind are workable, but the wind should be filtered first so as to prevent contamination.

=====

All Rights Reserved By:

UCOLIN SILICONE TECH

(1)-Silicone Vacuuming Bag for EVA Glass Laminating Machine/Privacy Glass Laminating

(2)-Silicone Sheet for EVA Glass Laminating Machine

(3)-Silicone Bag for PVB Glass Laminating Auto-clave

(4)-Silicone Rubber Sheet for Solar Cell Module Laminating Machine

(5)-Silicone Sheet for Wood Door Vacuum Laminating Machine Vacuum Press Machine Vacuum Filming Machine

Contact Us: uc@ucolin.com / www.ucolin.com

umewe360@gmail.com / umewe360@hotmail.com

HOW TO MAKE PVB LAMINATED GLASS WITH PVB FILM POLYVINYL BUTYRAL



All Rights Reserved By:

UCOLIN SILICONE TECH

- (1)-Silicone Vacuuming Bag for EVA Glass Laminating Machine/Privacy Glass Laminating
 - (2)-Silicone Sheet for EVA Glass Laminating Machine
 - (3)-Silicone Bag for PVB Glass Laminating Auto-clave
 - (4)-Silicone Rubber Sheet for Solar Cell Module Laminating Machine
 - (5)-Silicone Sheet for Wood Door Vacuum Laminating Machine Vacuum Press Machine Vacuum Filming Machine
- Contact Us: uc@ucolin.com / www.ucolin.com
umewe360@gmail.com/ umewe360@hotmail.com

=====

Requirement for combining room when laminating safety glass with Polyvinyl Butyral PVB film

Basic condition and requirement:

Temperature: 20-25°C

Humidity: 23% +/- 2%

Double doors

Indoor air must pass through the filter

All Rights Reserved By:

UCOLIN SILICONE TECH

- (1)-Silicone Vacuuming Bag for EVA Glass Laminating Machine/Privacy Glass Laminating
 - (2)-Silicone Sheet for EVA Glass Laminating Machine
 - (3)-Silicone Bag for PVB Glass Laminating Auto-clave
 - (4)-Silicone Rubber Sheet for Solar Cell Module Laminating Machine
 - (5)-Silicone Sheet for Wood Door Vacuum Laminating Machine Vacuum Press Machine Vacuum Filming Machine
- Contact Us: uc@ucolin.com / www.ucolin.com
umewe360@gmail.com/ umewe360@hotmail.com

HOW TO MAKE PVB LAMINATED GLASS WITH PVB FILM POLYVINYL BUTYRAL

A carpet able to suck up the dust should be put between the double doors.
It's necessary to keep clean the indoor floor and devices.
Operating workers must wear clean overalls that will not be dehairing,
and also wear glove and cap to prevent causing contamination.



=====

Glass combining when laminating safety glass with Polyvinyl Butyral PVB film

Note: glass surface temperature: 20-40 °C,

Suggest control temperature: 25-30 °C

If temperature is higher than 40°C:

The PVB film will get shrink;

PVB film wrinkle will appear;

The film will get sealed earlier than expected;

The PVB film will get soft and adhere to the glass;

There will be lots of air inside the film.

If temperature is lower than 20 °C:

The PVB film surface will be too smooth to get fixed;

It will be very difficult for the glass and the PVB film to get adhered;

All Rights Reserved By:

UCOLIN SILICONE TECH

(1)-Silicone Vacuuming Bag for EVA Glass Laminating Machine/Privacy Glass Laminating

(2)-Silicone Sheet for EVA Glass Laminating Machine

(3)-Silicone Bag for PVB Glass Laminating Auto-clave

(4)-Silicone Rubber Sheet for Solar Cell Module Laminating Machine

(5)-Silicone Sheet for Wood Door Vacuum Laminating Machine Vacuum Press Machine Vacuum Filming Machine

Contact Us: uc@ucolin.com / www.ucolin.com

umewe360@gmail.com / umewe360@hotmail.com

HOW TO MAKE PVB LAMINATED GLASS WITH PVB FILM POLYVINYL BUTYRAL

It will be difficult to get rid of the gas and trim the edge of the laminated glass;

There may be flaw on the edges.

PVB film temperature: 20-25°C

Combining process:

The PVB film should be 5-10mm bigger than the glass;

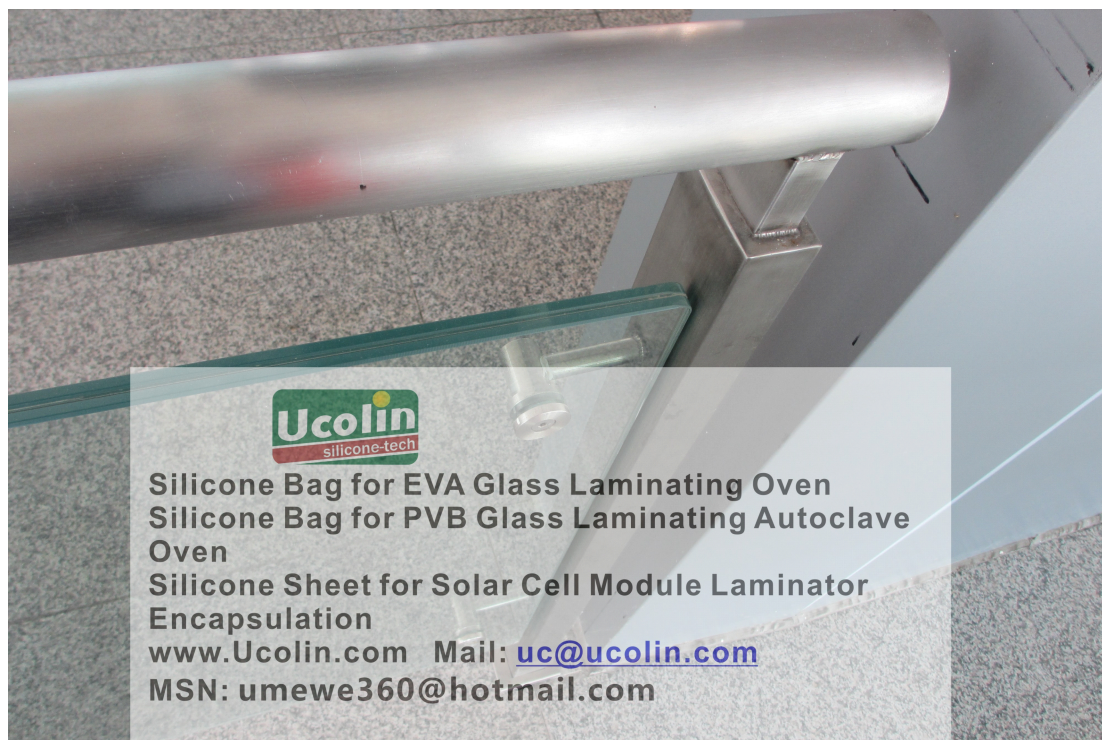
The PVB film is put on the glass on level stage;

The PVB film can not be pull when its edge is being trim;

2-5mm PVB film should be left on the edge after trimming.

The four edges of the upper glass should be aligned with that of the down glass.

Check carefully whether there's any contaminating stuff on the glass or the film.



=====

=====

Prepressing and air expelling when laminating safety glass with Polyvinyl Butyral PVB film
Purpose:

To get rid of the air leaving between the glass and the film

To pre-combine the glass and the film before it's put into the autoclave

To seal up the edge in order to avoid the air permeating into the laminated glass again.

All Rights Reserved By:

UCOLIN SILICONE TECH

(1)-Silicone Vacuuming Bag for EVA Glass Laminating Machine/Privacy Glass Laminating

(2)-Silicone Sheet for EVA Glass Laminating Machine

(3)-Silicone Bag for PVB Glass Laminating Auto-clave

(4)-Silicone Rubber Sheet for Solar Cell Module Laminating Machine

(5)-Silicone Sheet for Wood Door Vacuum Laminating Machine Vacuum Press Machine Vacuum Filming Machine

Contact Us: uc@ucolin.com / www.ucolin.com

umewe360@gmail.com / umewe360@hotmail.com

HOW TO MAKE PVB LAMINATED GLASS WITH PVB FILM POLYVINYL BUTYRAL

All Rights Reserved By:

UCOLIN SILICONE TECH

(1)-Silicone Vacuuming Bag for EVA Glass Laminating Machine/Privacy Glass Laminating

(2)-Silicone Sheet for EVA Glass Laminating Machine

(3)-Silicone Bag for PVB Glass Laminating Auto-clave

(4)-Silicone Rubber Sheet for Solar Cell Module Laminating Machine

(5)-Silicone Sheet for Wood Door Vacuum Laminating Machine Vacuum Press Machine
Vacuum Filming Machine

Contact Us: uc@ucolin.com / www.ucolin.com

umewe360@gmail.com / umewe360@hotmail.com

All Rights Reserved By:

UCOLIN SILICONE TECH

(1)-Silicone Vacuuming Bag for EVA Glass Laminating Machine/Privacy Glass Laminating

(2)-Silicone Sheet for EVA Glass Laminating Machine

(3)-Silicone Bag for PVB Glass Laminating Auto-clave

(4)-Silicone Rubber Sheet for Solar Cell Module Laminating Machine

(5)-Silicone Sheet for Wood Door Vacuum Laminating Machine Vacuum Press Machine Vacuum
Filming Machine

Contact Us: uc@ucolin.com / www.ucolin.com

umewe360@gmail.com / umewe360@hotmail.com