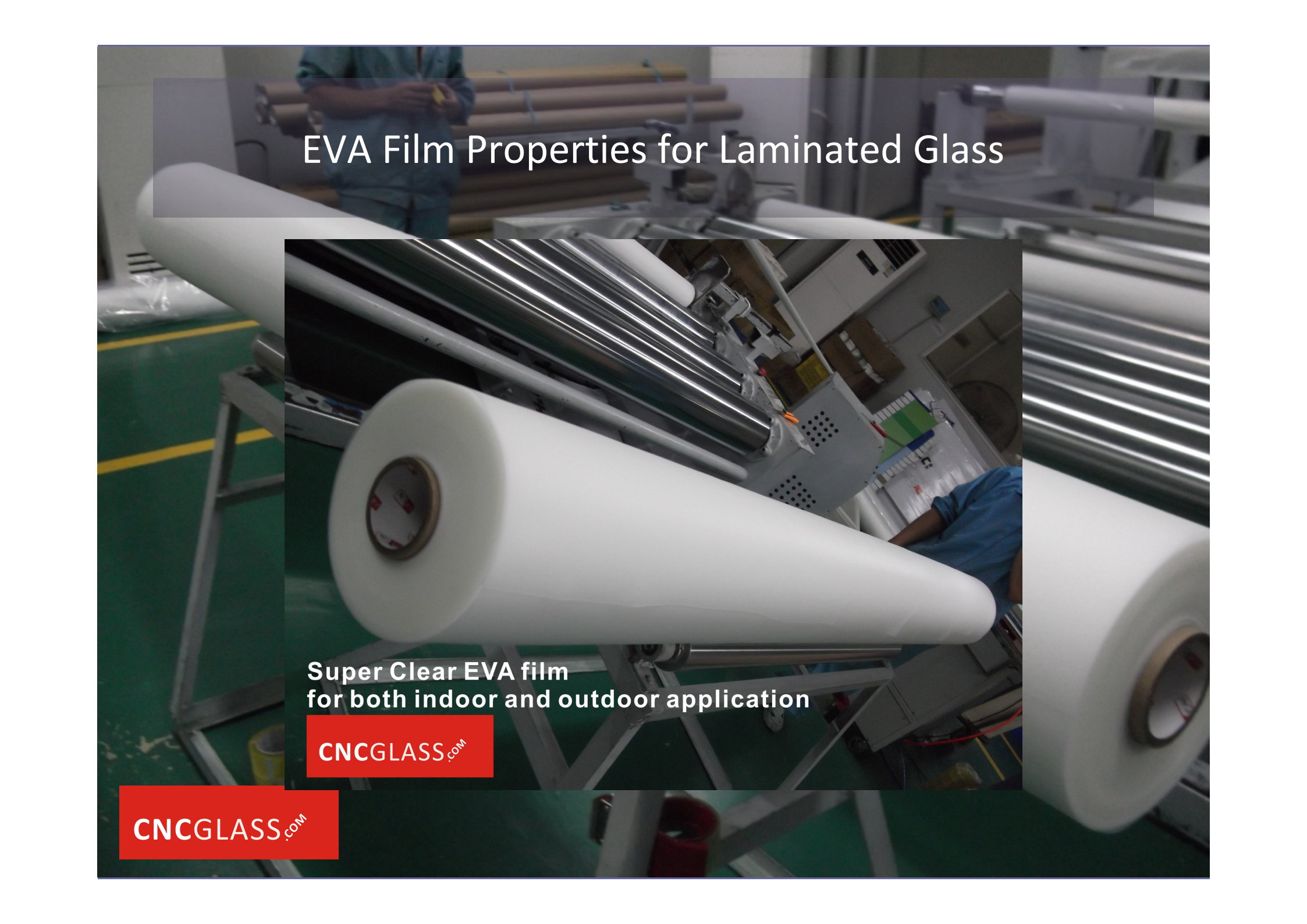




EVA Film Properties for Laminated Glass

The Properties of EVA Film for Laminated Glass you should care about. And I also would explain how to test these properties.

A factory setting with large rolls of white EVA film being processed by machinery. The background shows a worker in a blue uniform and stacks of raw materials.

EVA Film Properties for Laminated Glass

**Super Clear EVA film
for both indoor and outdoor application**

CNCGLOSS.COM

CNCGLOSS.COM

EVA Film Properties for Laminated Glass

Safety Laminated Glass

CNCGLASS.COM

CNCGLASS.COM




EVA Film Properties for Laminated Glass

- Radiation Resistance
- It does decide how many years the Laminated Glass with EVA Film can be used for outdoor.

EVA Film Properties for Laminated Glass

- Radiation Resistance
- How to test: Make the laminated glass with EVA FILM subjecting to 2000 hours (different from different standard) of radiation. The samples of laminated glass with EVA Film are placed at a distance of 1,100mm from 16 ULTRAVITALUX lamps which was form a 1m*1m field. The temperature is maintained at 45 °C (5 °C tolerance)and the humidity is 50%.




EVA Film Properties for Laminated Glass

- Radiation Resistance
- To measure the durability, the luminous transmission has been measured by the wavelength between 380nm and 780nm before 2,000 hours of exposure to the ULTRAVITALUX lamps.
- In the end, compare the differences of Light Transmittance and check the presence of any faults(bubbles, opaqueness, degumming etc)


EVA Film Properties for Laminated Glass

- Humidity Resistance
- Placing the laminated glass with EVA FILM samples vertically inside the climatic chamber and maintaining them for two weeks at a temperature of 50 degrees and 95% relative humidity. Water condensation on the surface of the laminated glass samples is allowed.
- No bubbles or opaqueness are noted in the spacer in any of the laminated glass samples tested. (Bubbles only appear along the edges, but at less than 15mm from it.)




EVA Film Properties for Laminated Glass

- Impact Resistance
- For example: 45kg shot-bag drop from 1200mm height. It remains unbroken or broken, but no shear or opening is allowed within the test piece, through which a 75mm diameter sphere can pass freely.




EVA Film Properties for Laminated Glass

- Ultraviolet Radiation Blocking Rate
- Tested by the Light Spectrum Meter.
- High Temperature Resistance
- Boiled by hot water
- Visible Light Transmission Rate
- Tested by the Light Spectrum Meter



EVA Film Properties for Laminated Glass

- Tensile Strength
- Tested by the Universal testing machine
- Elongation
- Tested by the Universal testing machine
- Adhesive Strength
- Tested by the Universal testing machine



EVA Film Properties for Laminated Glass

CNCGLASS.COM

CNCGLASS.COM

EVA Film Properties for Laminated Glass

- All rights reserved by
- CNC GLASS INTERLAYER TECH
WWW.CNCGLASS.COM
- CNC@CNCGLASS.COM
BENEXT77@GMAIL.COM
- 008615013829504 Skype: CNEXT365
Wechat: WECAN365 Line: CNCGLASS
- EVA film for laminated glass, PVB film, PDLC smart glass film, Glass hardware,

EVA Film Properties for Laminated Glass



Peter Lin
CNC@CNCGLASS.COM

EVA Film Properties for Laminated Glass

CNCGLASS.COM

**EVA Laminated Glass
Application Railings**

CNCGLASS.COM