

Smart Film

The only UL recognized Smart Film



What is Smart Film and how does it work?

It's as simple as on (clear) and off (frosted).



Smart Film also known as PDLC Film provides instant and precise privacy control.



When the power is switched off the liquid crystal molecules are randomly oriented scattering light and the switchable Smart Film becomes opaque.

When switched on, the liquid crystal molecules align and light passes through and Smart Film instantly becomes transparent.

Advantages of Smart Film

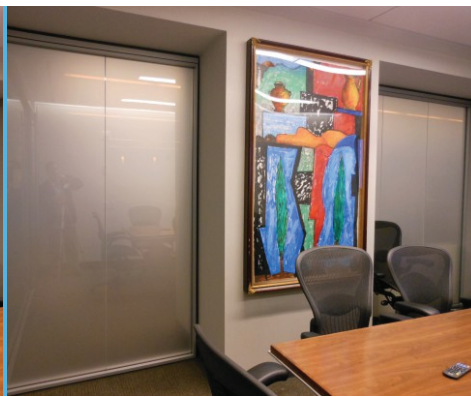
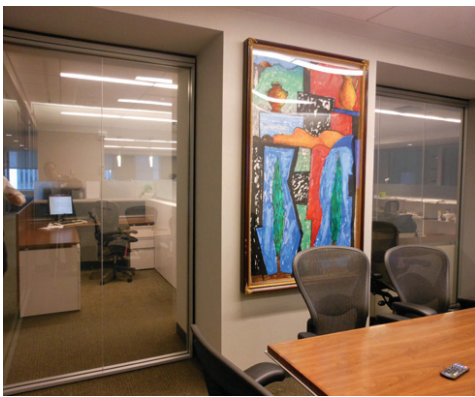
- Efficient use of space in the built environment
- Smart Film blocks 98+% of damaging UV rays
- Eco-friendly product
- Exceptional optical qualities that reduce glare and eye strain
- Hygienic and low maintenance reducing the transmission of MRSA and VRE pathogens
- Reduces uncomfortable "Gold fish bowl" feeling when living or working in high-density buildings such as office complexes
- Reduced fading of carpets, furniture with the ability to protect valuable artwork
- High UV stability
- Low working voltage
- High video contrast at any viewing angle and any illumination level
- Long life – tested in excess of 3,000,000 cycles

Smart Film Control Methods

- Wall switch
- Voice control
- App control
- Light sensor
- Remote control
- Timer
- Movement sensor



The only UL recognized Smart Film



Smart Film can be applied to existing glass in executive offices, conference rooms and store fronts.



Frequently asked questions

1. Does Smart Film block harmful UV rays?

Yes, it blocks over 98% of harmful UV rays in both its energized and un-energized state.

2. Is Smart Film energy efficient?

Yes, it is considered a green product that consumes between 3 and 6 watts per meter squared.

3. What is the difference between Smart Film self-adhesive and Smart Film non-adhesive backings?

Smart Film Glass offers a self-adhesive and a non-adhesive switchable privacy film that has the ability to contour to the curves of various types of glass. Smart Film is very popular for projection screens, electronic blinds, whiteboards, and window treatments. The difference between the two switchable films is that the self-adhesive has a peel and stick backing and the non-adhesive can be installed with a double sided adhesive clear 3m VHB tape.

4. Can Smart Film be installed on half of the glass only?

Yes, Smart Film can be installed on the top half or bottom half only if desired.



Smart Film converts your windows, doors, divider walls, skylights and partitions to provide an incredible combination of natural light, comfort, security and energy efficiency.