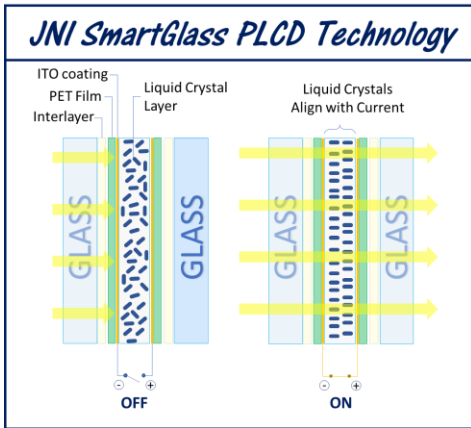


Smart Glass

PLCD Switchable Privacy Glass

Smart Glass (or switchable glass) is a glazing whose light transmission properties are altered when voltage is applied. Upon current, the glass changes from near opaque (blocking some or all wavelengths of light) to transparent and letting light pass through.



Popular Commercial Applications include conference rooms, exhibit booths, and storefronts.



Uses of Smart Glass include privacy, solar heat control, and business marketing. The glass laminated Smart glass can be used as a **dry erase board** or **projection screen**.



For Sales contact Vanessa at:
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Headquartered in Anaheim, CA
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JNI SmartGlass is a Trademark of Jungk Nguyen Innovations LLC

Standard laminated glass solutions include:

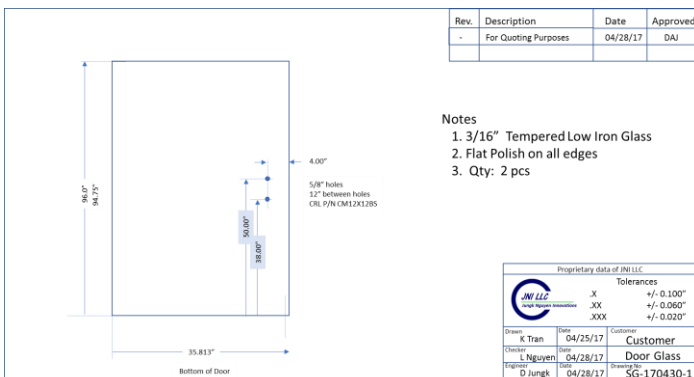
- Interior 3/8" (10mm) or 1/2" (12 mm)
- Door 5/8" (16 mm)
- Exterior Insulated Glass Units (special requests)

Edge quality can include, seamed and swiped, flat polish, and pencil.

SKETCH	DESCRIPTION
(NO SKETCH)	Swipe: A quick sanding to remove sharp edges. Makes glass easier to handle.
	Flat Ground: Square edge with a matte/satin finish. Flat Polish: Square edge with glossy polished finish.
	Pencil Ground: Rounded edge with a matte/satin finish. Pencil Polish: Rounded edge with a glossy polished finish.

Glass can be annealed (recommended), or tempered. JNI SmartGlass includes chemical tempering, a process with 15-20X strength of glass and 4-5X the strength of heat tempering. Chemical tempering capability size up to 36" x 84."

Glass can also be included with holes or created for doors. JNI SmartGlass recommends the use of approved hinge and framing systems on doors. JNI SmartGlass can also supply full kits for door systems.



Our design team can support initial design, drawing sign-off and support through the project.

Design considerations of smart glass include material, installation, electrical considerations, durability, as well as functional features such as dimming, and the degree of transparency. JNI SmartGlass offers the films from the best US suppliers including the following capabilities:

- Offering voltage ranges of: 48 and 60 VAC.
- Windows come with transformers
- Timers can also be included (if required).
- Clear Condition light transmission up to 75%
- Opaque condition as low as < 5% LT
- Large sizes, up to 72" x 126" (1,828mm x 3,200mm)
- Wide range of shades and colors, including:



White

Grey

Colors

A wide range of colors is also available (special order)

JNI SmartGlass is unique in offering solutions for vehicles. Molds exist for current year vehicle models, or can be easily created for unique vehicle applications.



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