



EASYTO R-E WINDOW FILMS

Comfort and Energy Saving

Cool in the summer

Warm in the winter

Energy-saving 45-60%

Residential & Commerical Application

A modern architectural interior featuring a large, curved glass skylight that allows natural light to flood the space. The ceiling is white with curved, recessed lighting fixtures. The walls are also white, with a vertical green wall on the right side. The floor is a light-colored, polished material. In the foreground, there are some potted plants and a small table with a lamp. The overall design is clean, minimalist, and futuristic.

Fully control comfortable & energy efficient.

EASYTO R-E Window Film
can help reduce*

95%

of the solar heat energy gain
through the glass windows.

blocks 98% IR*, 99% UV
without loss of visible light

Best and smart ways to bring view & sunlight into your home & office

Windows bring beautiful views and an abundance of natural light into your home or office. However, sunlight can create tremendous heat and glare and fade your furniture. With Easyto R-E Window Films, you can fill your home or office with light just the way you want.

Current Low-E technology is based on the principle of reflection. However, it is about 60-70% of the Infrared (IR) is reflected away from the glass. Reflection will reduce the part of heat radiant during the hot season but it still does not solve the heat loss problem by penetration through glass.

EASYTO R-E window film is an innovative product designed to reduce the effects of the sunlight, keeping you cool, comfortable and energy-efficient. Patented R-E technology changes the electromagnetic property of the glass surface which will absorb UV & IR waves. All this without change in your views and the appearance of your home or office.

EASYTO R-E film is a different approach and it solved the fundamental problem. R-E film's unique Localized Surface Plasma Resonance (LSPR) effect absorbs solar radiants, converts them into physical heat and carries them away by air. It blocks harmful UV & IR radiant waves but allows visible light to pass through. It makes glass insulated with a higher R-value which can reduce heat loss from the indoors and reduce solar heat gain via glass windows.

EASYTO R-E window film provides excellent insulation, comfort, and huge energy savings of 45-60%. The energy cost saving will payback the retrofit itself in a short period. Contact out project consultant for details.



COMFORT & ENERGY SAVING

EASYTO R-E Window Films reduce up to 95% of the total sun's heat through windows by reflecting it away from your home. This means a cooler, more comfortable environment for you and your family, all while helping you to save money with lower air conditioning bills.

PROTECTION FROM UV DAMAGE AND FADING

Even indoors, your family and belongings are subjected to the damaging effects of ultraviolet (UV) rays.

Fabrics, window treatments, wallpaper, natural wood floors, photos, paintings and other valuables can fade when unfiltered sun shines through your windows. EASYTO R-E Window Films are designed to reduce the effects of solar heat and visible light on your furnishings while blocking up to 99% of the sun's harmful rays, the single most significant cause of fading.

According to the Skin Cancer Foundation, window film is one of several recommended safeguards against UV damage.

REDUCE GLARE

Annoying glare on TVs and computers? Our films significantly reduce glare to help you work, relax and entertain without added eye strain and discomfort from excessive light.

Year-round insulation and savings.

TRULY BLOCK INFRARED (IR)

EASYTO R-E Window Films are the only R-E film that can block up to 98% of Infrared (IR) range measure start from 750nm* by our innovative discovery of LSPR effect. It is truly designed to retain indoor heat during the winter and keep interior cooler during the summer, saving on heating and cooling energy costs low all year-round.

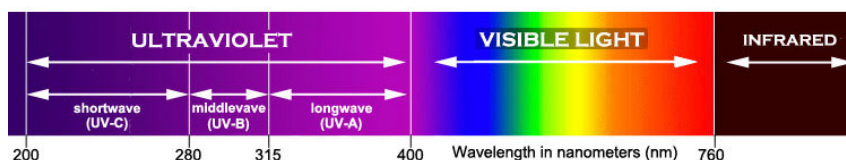
These films also help increase insulation performance, like upgrading a single-pane to a triple-pane window and a double-pane to a multiple-pane window. Therefore, increasing the glass insulation value is very important. Fully controllable thermal comfort and energy-saving, lower carbon footprint are the future for all of us to live better.



PRODUCT SPECIFICATION

Product	Thickness (mil)	Transmittance VTL	Total Solar Energy Reduction TSER	Shading Coefficient	UV Block	IR Block (700-1000nm)
Clear	2	70%	95%	0.30	99%	98%
Tint	2	50%	95%	0.30	99%	98%
Transition	2	65-15%	95%	0.30	99%	98%

*All performance data gathered using a LAMBDA 1050+ UV/Vis/NIR Spectrophotometer with films applied to 3mm (1/8") glass plates. All values represented are with film applied on 3mm (1/8") glass. Visible light and solar energy data are reported using EN 410 methodology & IR reduction data are reported at full IR wavelength range start from 750nm. Product performance tolerances for visible light, solar energy, UV reduction and IR reduction values are +/- 3%.



**RECOMMENDED SHELF LIFE - 5 years from the date of purchase. Product thickness values are nominal and for guidance only. Further information can be found at www.easyto.ca. For any additional information contact info@easyto.ca.