

# WINDOW FILM

— Buyer's Guide —



# Improve Your Windows

Window film can do more than simply block out the sun. The benefits of window film can improve your home, increase your comfort and help you enjoy your home even more.

## Heat Reduction



Heat rejection film reflects heat back to its source

## Glare Reduction



Easier to watch your TV or computer screen with less strain on your eyes

## Increased Privacy



Frosted or patterned window film can provide privacy

## UV Fade Protection



Protects furniture, flooring, artwork from fading and skin from harmful UV rays

## Maintain the View



Complements existing window treatments

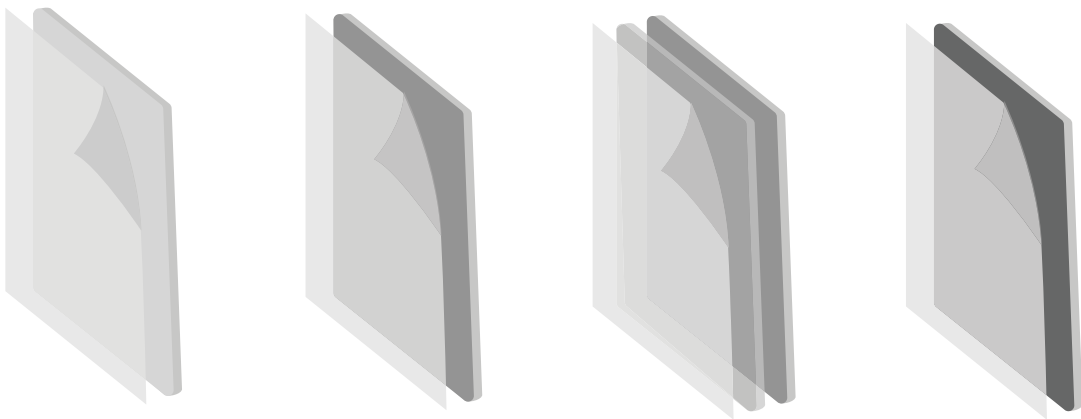
## Lower Bills



Heating and cooling costs could be reduced by up to one third

# The Right Film

Whether you have single-pane clear glass, dual-pane low-e glass or anything in between, window film can enhance your windows' performance and style.

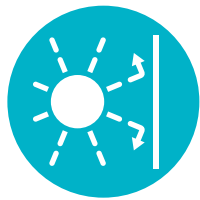


An authorized dealer will be able to confirm with certainty which film is right for your windows. They might reference a film-to-glass chart provided by the film manufacturer.

Your windows **+** window film **=**  

# Types of Film

There are several types of window film available for your home. A reputable dealer will be able to walk you through finding the best film to suit your needs.



Solar control



Decorative



Glare control



Privacy



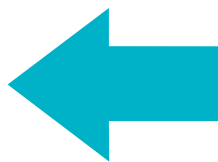
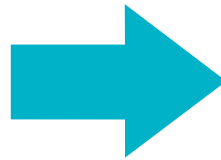
Low-e



Security

# Ratings & Certifications

Look for window film certified by the **National Fenestration Rating Council**. The NFRC provides fair and accurate energy performance ratings for window products.



The **International Window Film Association** is a third-party industry source for information on window film products and its uses. The IWFA provides research and promotes awareness of window film.

# About the Installation

- Quick and hassle-free
- Professionally installed
- Usually installed on interior side of glass
- Uses water activated adhesives
- Can be cleaned with common household cleaners
- Limited Manufacturer's Warranty\*

Read more FAQs [here](#).

\*Certain restrictions apply. See authorized LLumar dealer for details.



# Purchasing Window Film



Find a dealer



Choose a film with the help of a professional dealer



Get it installed

# Common Terminology

When choosing a film, your dealer might use some of this window film lingo.

## 99% UV Ray Protection\*

\*wavelengths from 280-380nm



Higher %

Better protection

## Glare

Helps improve clarity of television, computer and other electronic screens



Lower VLT

Darker shade

## Heat Rejection

Measured by TSER  
(total solar energy rejection)

Measures the percentage of all energy from the sun reflected away from a window



Higher TSER

More heat rejected

## Shade

Measured by VLT  
(visible light transmission)

VLT % is the total amount of visible light that passes through glass after film has been applied



Lower VLT

Darker shade

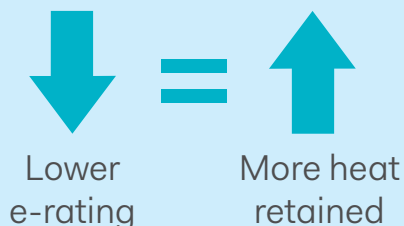


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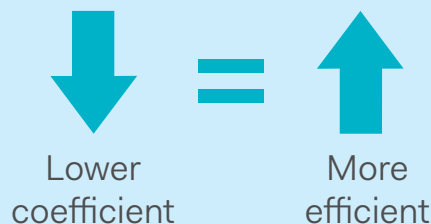
## Emissivity

The “e” in Low-e products  
Measure of a film’s ability to reflect heat back to its source



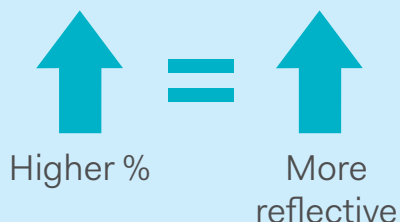
## Solar Heat Gain Coefficient

The total traction of incident solar energy that passes through a glazing system



## Reflectivity

Mirror-like finish vs. nearly invisible  
Determined by percentage of visible reflectance



## U-Value

A.K.A.: insulating value  
Measures a window’s capacity as a whole to resist heat transfer

