LOW-E GLASS COMPARISON GUIDE

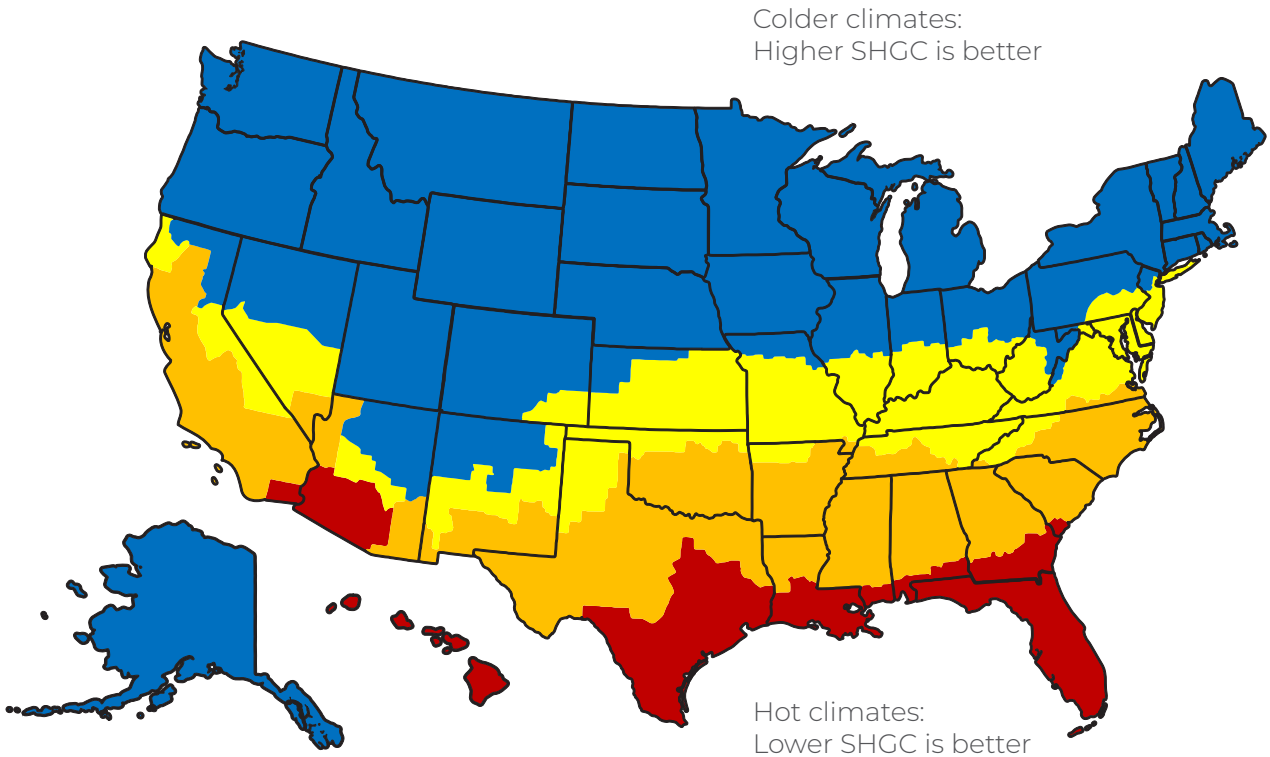


Low-E Glass Comparison Guide

Glass allows natural light and solar heat to enter a home. Non-solar heat travels both in and out through glass. Low-E coatings affect the amount of solar and non-solar heat flow in different ways and have various applications. See the climate zones map on the back cover.

In the charts, we compare insulation which reduces non-solar heat flow into and out of the home through glass. We also compare solar heat gain reduction which reduces heat entering the home in the form of direct sunlight.

ENERGY STAR® CLIMATE ZONE MAP FOR WINDOWS, DOORS AND SKYLIGHTS



Northern

South-Central

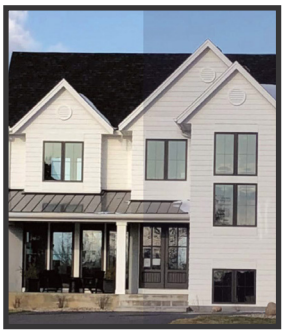
North-Central

Southern

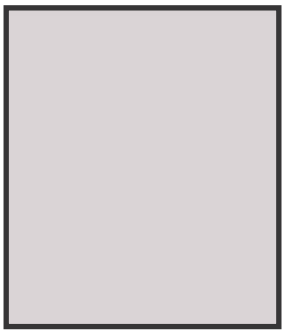
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LOW-E+ (366)

Provides comfort and energy savings in hot weather climates efficiently reducing solar heat and non-solar heat flow



Transmitted Appearance



Exterior Appearance

Appearance	Very Noticeable
Insulation	Best
Solar Heat Gain Reduction	Better
Low-E Cost	$$$
ODL uses in	Standard for all flush glazed doors. Offered as an option for most doorglass (impact/non-impact) and Blinds + Glass product*
Coating	3 Silver Layers

LOW-E+ (270)

Performs well year-round in areas with both high and low temperatures



Transmitted Appearance



Exterior Appearance

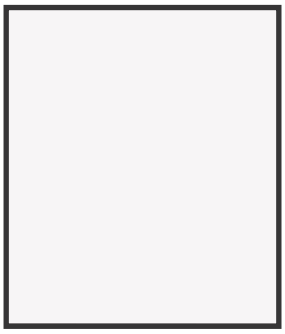
Appearance	Noticeable
Insulation	Better
Solar Heat Gain Reduction	Better
Low-E Cost	$$$
ODL uses in	Non-impact doorglass, as well as Blinds + Glass product line, would offer 270 as an option.*
Coating	2 Silver Layers

LOW-E (180)

Reduces non-solar heat flow while allowing more beneficial solar heat to enter



Transmitted Appearance



Exterior Appearance

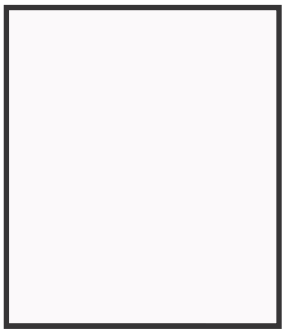
Appearance	Hardly Noticeable
Insulation	Better
Solar Heat Gain Reduction	Good
Low-E Cost	$$
ODL uses in	· Dual pane doorglass with or without grids, or SDL options. · Triple pane B+G products with or without grids. · Impact rated doorglass with or without grids or B+G products.
Coating	1 Silver Layer

LOW-E (CS73)

Reduces non-solar heat flow while allowing more beneficial solar heat to enter



Transmitted Appearance



Exterior Appearance

Appearance	Hardly Noticeable
Insulation	Better
Solar Heat Gain Reduction	Good
Low-E Cost	$
ODL uses in	· Dual Pane doorglass with or without grids, or SDL options · Triple pane B+G products with and without grids · Decorative camed glass
Coating	Hard Coat

ADDITIONAL LOW-E PRODUCTS FROM ODL**

Low-E 272 (Covers non-impact product, similar to Low-E 270)
Low-E 340 (Offers 39% light transmission)
i89 (Can be added as an option to other Low-E products to improve U factor.)

*See the full-line catalog for more details. **Only available with configurable products (Blinds + Glass 1", 7/8" or XL)

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