LOW-E GLASS
COMPARISON GUIDE

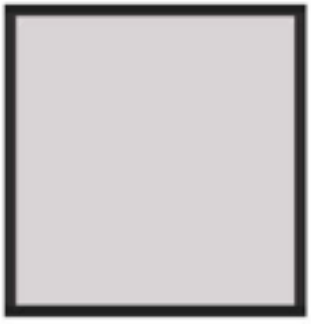
Glass allows natural light and solar heat to enter a home. Non-solar heat travels both in and out through glass. Low-E coatings affect the amount of solar and non-solar heat flow in different ways and have various applications. See the climate zones map on the back cover.

LOW-E+ (366)

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

CLEAR | LOW-E+ 366

TRANSMITTED APPEARANCE



EXTERIOR APPEARANCE

Tint	Very Noticeable
Insulation	Maximum
Solar Heat Gain Reduction	Maximum
Low-E Cost	$$$
ODL uses in	Some of our impact rated doorglass, a growing selection of commodity door-glass and Blinds + Glass Entry Doorglass
Other	3 silver layers

LOW-E+ (270)

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

CLEAR | LOW-E+ 270

TRANSMITTED APPEARANCE

EXTERIOR APPEARANCE

Tint	Noticeable
Insulation	Maximum
Solar Heat Gain Reduction	High
Low-E Cost	$$$
ODL uses in	Privacy + Textured, Clear and Blinds + Glass Entry Doorglass
Other	2 silver layers

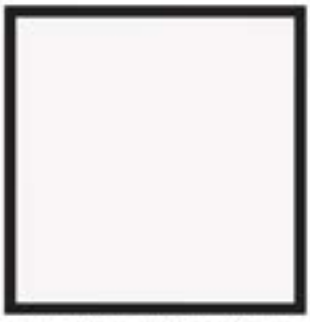
In the charts below, we compare insulation which reduces non-solar heat flow into and out of the home through glass. We also compare solar heat gain reduction which reduces heat entering the home in the form of direct sunlight.

LOW-E (180)

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

CLEAR | LOW-E 180

TRANSMITTED APPEARANCE



EXTERIOR APPEARANCE

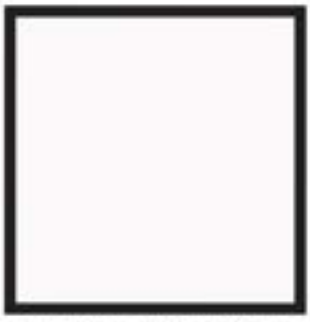
Tint	Hardly Noticeable
Insulation	High
Solar Heat Gain Reduction	Medium
Low-E Cost	$$
ODL uses in	Impact rated doorglass and triple-glazed doorglass with dual Low-E
Other	1 silver layer

LOW-E (CS73)

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

CLEAR | LOW-E CS73

TRANSMITTED APPEARANCE

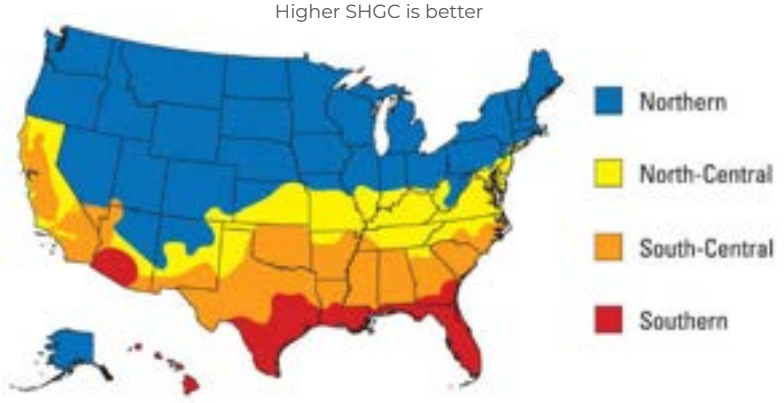


EXTERIOR APPEARANCE

Tint	Hardly Noticeable
Insulation	High
Solar Heat Gain Reduction	Medium
Low-E Cost	$
ODL uses in	Clear, vents, simulated divided lights,and triple-glazed doorglass with single Low-E
Other	

LOW-E COMPARISON

Colder climates:
Higher SHGC is better



Hot climates:
Lower SHGC is better

To see our Low-E doorglass options
browse our digital catalog at odl.com/doorglass-catalog

ODL®
215 E ROOSEVELT AVE
ZEELAND, MI 49464
800.253.3900 · odl.com/catalog