

IR Blocker 40 & IR Blocker 40 Plus Data Sheet

Overview:

IR Blocker 40 and IR Blocker 40 Plus are single sided infrared blocking glass. The IR Blocker series comes in two thicknesses, 3.0mm and 5.0mm.

Features & Benefits

The IR Blocker Series has excellent view-ability with passive NIR reflection for low solar gain and is available in 2 thicknesses, making it suitable for outdoor applications in high sunlit areas such as outdoor kiosks and displays

Physical and Optical Properties

Product Options	Single-Side AR Coating
Glass Substrate	Soda Lime
Glass Thickness	3.0mm Standard 5.0mm Standard

Spectral Performance for IR Blocker 40 Index Matched to Air (n=1.0)

IR reflectance peak will be $\geq 42\%$ R and nominally occur at $\sim 1050\text{nm}$

The photopic brightness (reflected luminance) of the IR Blocker 40 coated surface when measured at 10° angle of incidence shall be less than 0.7%

Spectral Performance for IR Blocker 40 Plus Index Matched to Air (n=1.0)

IR reflectance peak will be $\geq 57\%$ R and nominally occur at $\sim 1025\text{nm}$

The photopic brightness (reflected luminance) of the IR Blocker 40 Plus coated surface when measured at 10° angle of incidence shall be less than 1.4%

Note: All properties based on 5mm Clear Soda Lime.

Customer Cleaning

Dusting with a dry, soft, clean cloth

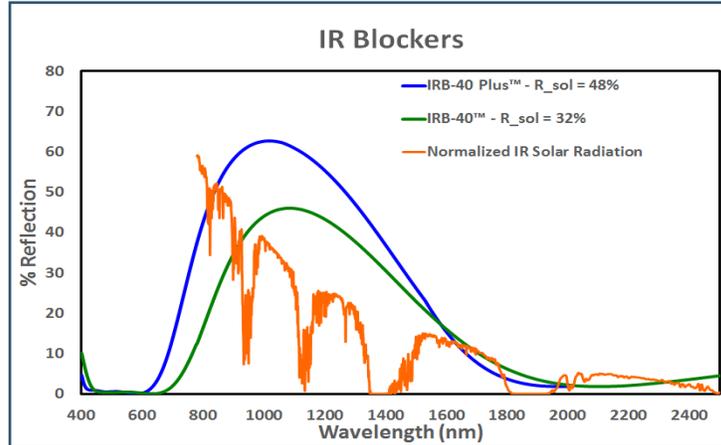
Heavier contaminants can be removed with various cleaners

Sparkle, Windex®, Joy®, etc...

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Performance Data

Reflectance vs. Wavelength



Reflected Color

