

**Overview:**

Optical AR Glass is a High Transmission Anti-reflective glass that comes in a variety of thicknesses and is also available as Single Sided (SS) or Double Sided (DS) coating. The base glass substrate is Soda Lime.

**Features & Benefits**

Optical AR has high transmission and low reflectance properties. Unlike other AR coatings, Optical AR has a soft blue hue and is available in multiple thicknesses, making it suitable for a variety of applications such as: avionics displays, touch screens, and displays.

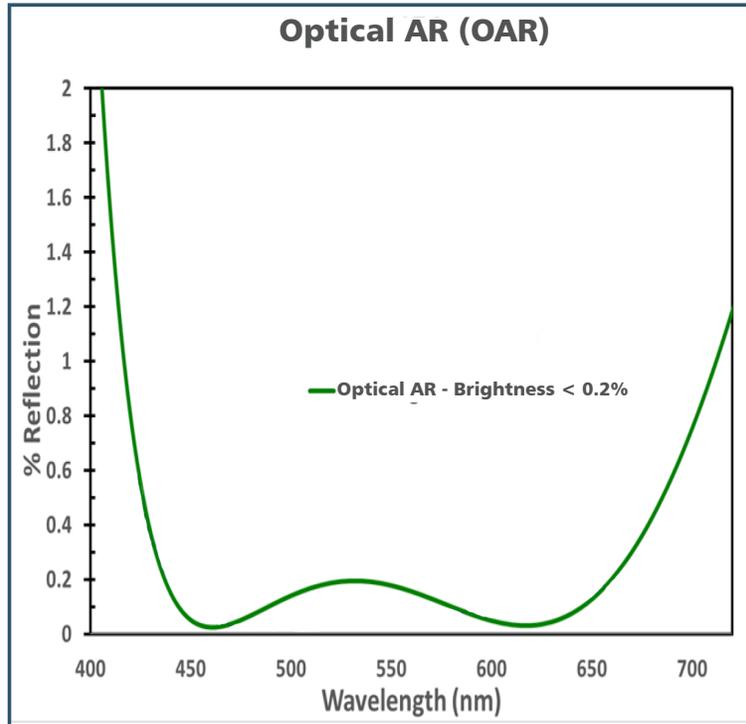
**Physical and Optical Properties**

Product Options	Single-side AR coating Double-side AR coating
Glass Substrate	Soda Lime
Glass Thickness	1.1mm, 1.6mm, 1.9mm, 3.0mm, & 6.0mm

Transmission (SS)	> 92.7%, Average 380 – 780 nm (on 3.0mm glass)
Transmission (DS)	> 95.6%, Average 380 - 780 nm (on 3.0mm glass)
Reflectance	400 - 650 nm average of < .3%
Adhesion	No damage or delamination after snap tape test
Abrasion Resistance	No degradation after a 20-rub eraser abrasion resistance test.
Humidity Exposure	No deterioration after 24 hour exposure to 120°F and 98% relative humidity
Solubility	No deterioration after being immersed for 24 hours in water containing six ounces of sodium chloride per gallon.
Temperature Resistance	No deterioration after being exposed to an ambient temperature of -65°F and 160°F for a period of 4 hours at each specified temperature in paragraph 3.1.1.1 of MIL-C-14806A

## Performance Data

Reflectance vs. Wavelength



## Reflected Data

