



# TRU-AR™ Glass Anti-Reflective Coating

## KEY FEATURES

Glass Substrate	Float, Low-Iron, Tempered or Customer Furnished
Maximum Size	100" x 144" (254cm x 366cm)
Thickness	1.1mm - 12.0mm
First surface reflection	< 0.3% Photopic Brightness
Light Transmission	Range up to 99%
Abrasion	100 Rub Eraser Test at 2.5 lbs.
Applications	Suitable for indoor and outdoor environments
Outdoor Rating	40 years—salt fog & humidity exposure, no deterioration

## APPLICATIONS

- Instrumentation and Gauges
- Large Format Displays
- Medical Devices
- Industrial
- Security
- Gaming
- Marine



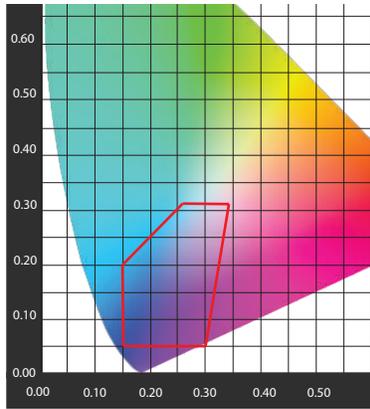
## DESIGNED TO MINIMIZE REFLECTION AND MAXIMIZE TRANSMITTANCE FOR HIGH-VISIBILITY DISPLAYS.

Tru Vue Tru AR™ Glass is a non-conductive, wide-band coating designed to perfectly minimize reflection and maximize transmittance on glass over the visible spectrum. It's especially designed for high-performance applications for a wide variety of displays.

## THE TRU VUE DIFFERENCE

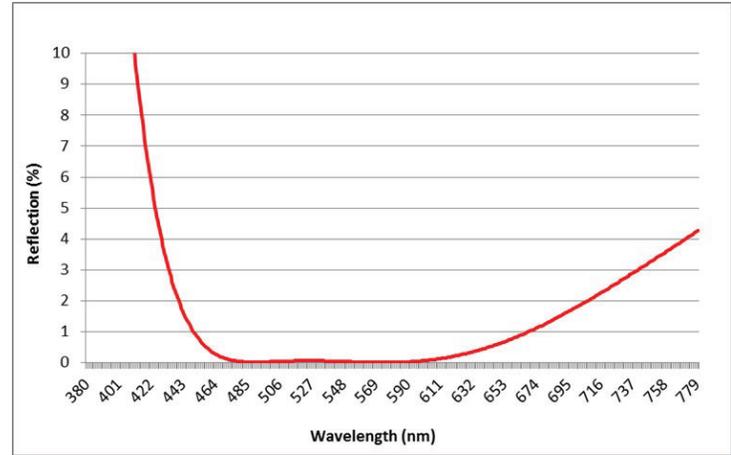
At Tru Vue, you can rely on our in-depth experience, insights and expertise for high-quality optical thin film coatings, large volume production and large size capabilities. We pride ourselves on our innovative thin film technology to control the reflection and transmission of light. In addition, our anti-reflective products are inspected according to stringent Tru Vue cosmetic specifications. And our magnetron sputtered, anti-reflective coating is engineered for demanding optical requirements, durability and strength as well — virtually becoming as hard as the glass itself.

That's the Tru Vue difference you can count on.



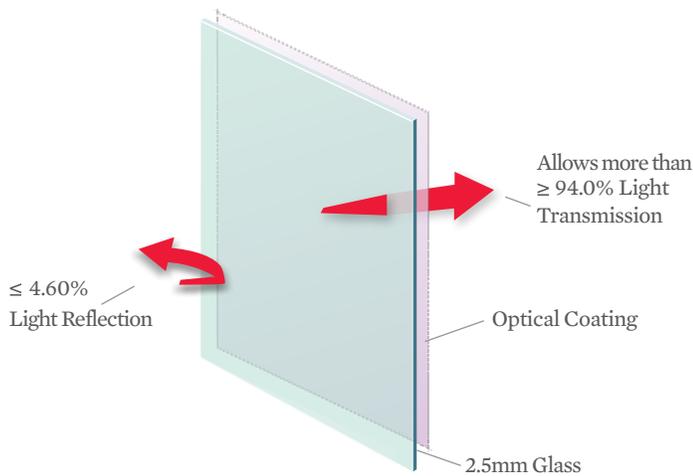
— Tru Vue Standard Color Box

Maximum allowable reflectance of the coated surface:  $\leq 0.30\%$

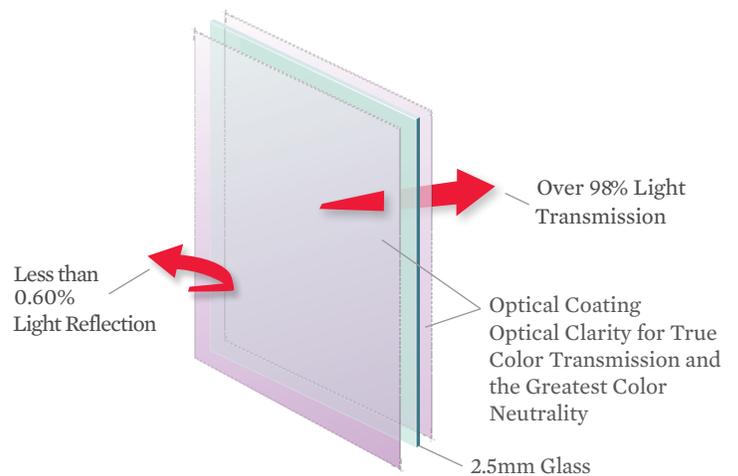


**SPECIFICATIONS** Reflectance and transmittance are defined using luminance values photopically corrected and integrated in the visible region. The 1931 CIE Chromaticity diagram with 10 degree observer and illuminant D65 is used to define the reflected color when specified.

### 1-SIDED TRU-AR™ GLASS



### 2-SIDED TRU-AR™ GLASS



A variety of other coating and substrate combinations utilizing Tru Vue coatings are available and will be specified on the purchase order.

## APPLICABLE SPECIFICATIONS AND STANDARDS

MIL-C-48497A—Coating, Single or Multilayer, Interference: Durability Requirements; MIL-C-14806A—Coating, Reflection Reducing, For Instrument Cover Glasses and Lighting Wedges; MIL-M-13508C—Mirror, Front Surface Aluminized: For Optical Elements; MIL-STD-810E—Environmental Test Methods and Engineering Guidelines

This specification is subject to change without prior notice.