TRU-AR™

TECHNICAL GLASS & ACRYLIC

Digital Signage

Minimal Reflection. Maximum Transmittance.

TRU-AR™ technical glass from Tru Vue is a non-conductive, wide band coated glass. Our product is engineered to perfectly minimize reflection on glass over the visible spectrum. Proven in high performance applications, TRU-AR technical glass consistently measures less than 1% total reflectance.

Refrigerated Cases

The Tru Vue Difference.

25 years of experience unlocks a distinct advantage when it comes to innovation in thin film technology. Our teams understand the critical nature of cosmetic specifications to ensure high quality products. TRU-AR technical glass is manufactured using a magnetron sputtered coating that delivers peak performance in durability and scratch resistant attributes.

Lighting

Global Reach With Midwest Roots.

We take pride in our state of the art manufacturing facility located in Faribault Minnesota. Our footprint provides flexibility you can rely on for large scale sheets up to 100 x 144.

Dependable, hands on project support ensures your program delivers on the requirements set through the supply chain. With expertise across various glass and acrylic markets, connect with us to see how Tru Vue can bring value to your anti-reflective glass projects.

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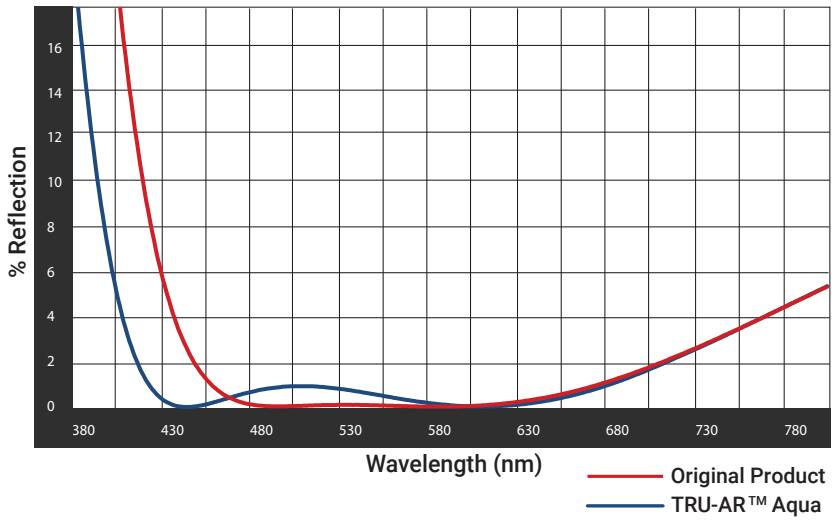
KEY FEATURES

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 TRU-AR Aqua	< 0.55% 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	18 Months Continuous Salt, Fog & Humidity Exposure, No Deterioration

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.



The total reflectance and transmittance of a filter depends on the type of glass used, the rear surface coating, and the combination of coatings involved: The thickness of the substrate does impact reflection.

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
ASTM C1036-90	Standard Specification for Flat Glass

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