



Anti-Reflective Acrylic

Data Sheet

Features

- ◆ Clear, high transparency AR coating on hardcoated acrylic base
- ◆ Low, wide-band reflectivity with neutral-blue reflection color
- ◆ Superior uniformity & quality from vacuum sputtered inorganic materials
- ◆ High scratch and chemical resistance
- ◆ Anti-smudge treatment

Performance Specifications

% Transmittance (Photopic)	
Total Transmittance- 2 side AR	≥ 97.0%
Total Transmittance- 1 side AR	≥ 94.0%

% Reflectance (Photopic)	
Total Visible Reflectance of each AR surface	Per Surface < 0.80%

Environmental/Durability

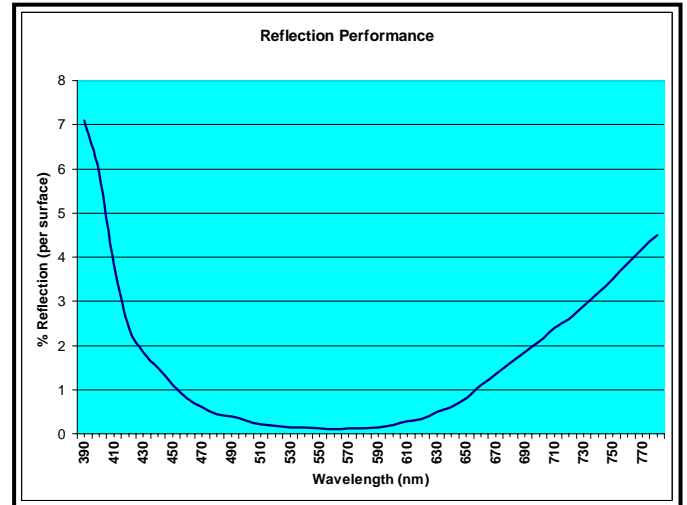
- Abrasion Resistance: 600 Cheesecloth per Mil-M-13508C
- Adhesion: # 610 Snap Tape per MIL-C-48497A
- Humidity Resistance: 48hr. (50C,95% R. H.)
- Solubility: 24 hr. immersion per MIL-C-48497A

Product Configuration

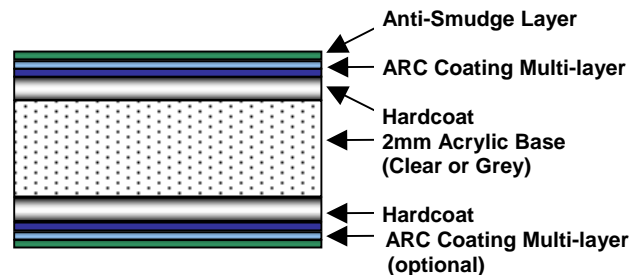
- Thickness: 2mm
- Color: Clear or Grey (special)
- Cut to size per your specification

Reflection Spectra (Typical)

Reflection spectrum with single-side AR with backside reflection eliminated



AR Acrylic Structure



Company Profile

Eyesaver International is a manufacturer of custom optical glass/acrylic display filters. ESI also specializes in optical quality lamination technologies.

ESI's extensive line of products is designed to improve image readability and protect valuable displays.

Contact us for more information & samples:

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