

ADC Technical Specs

Size and Thickness

Filters can be fabricated as small as 1" x 1" or as large as 25" x 25", with thicknesses ranging from .030" to .250". Display filters can be fabricated to meet almost any SIZE or thickness requirement.

Polymer Options

Our standard polymer formulation is designated ADC200. For applications requiring higher UV absorption and/or resistance to high heat, special formulations can be customized to meet your specific requirements.

Colors

Display filters and windows can be furnished in a wide range of colors. Colors can be spectrally matched to any display output to improve readability.

Frost/Surface Finish Options

ADC filters are available in three anti-glare matte finishes. Because these surface finishes are cast into the material, they are durable and provide excellent glare reduction while maintaining resolution. The three standard gloss levels are:

- GL-1L: light matte finish, light glare reduction; (125-145 Gloss Units)
- GL-2M: a medium matte finish, medium glare reduction; (90-110 Gloss Units)
- GL-3H: a heavy matte finish, high glare reduction; (65-85 Gloss Units)

Fosta-Tek also offers surface finishes with mirror coatings, super hardcoatings and vacuum deposited anti-reflective coatings.

Fabrication/Finishing Options

Your filters are ready to install upon delivery thanks to our in-house capabilities. Optical filters can be custom fabricated to most sizes and shapes; including holes and slots, hot-forming to shapes and silk screening.

Specifications

ADC optical filters meet the following specifications:

- L-P-516A, Class G3
- UL94HB

Ordering Considerations

- Polymer Option: ADC200, or custom
- Thickness: .030" - .250"
- Size: up to 25" x 25"
- Gloss Level: GL-1L, GL-2M, GL-3H, or Clear
- Color: Customer chip or color code
- Other Finishing Requirements:
 - Additional coatings
 - Silk-screen requirements
 - Detailed print for laser cutting