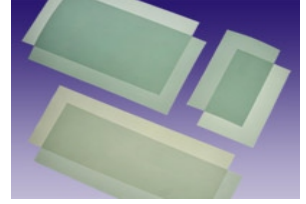


Glass Circular Polarizers

Options for Transmissions, Colors, Wave Retarders, Glass, and Coatings

Like our film and acrylic based polarizers, glass linear polarizers, circular polarizers and wave retarders are used in applications such as emissive displays, camera filters, sensor applications, and 3D filters. The added benefit of the glass substrate is improved clarity, resolution, durability, environmental stability, and improved performance (with anti-reflective coatings).



Transmission and Color Options:

Transmission	Color
37%	Neutral Grey
42%	Neutral Grey
5%	Ruby Red
10%	Green

* Other color and transmissions available, please contact us

Data:

Description	Neutral Grey Circular Polarizer
Front Finish	Smooth, Anti-Reflection Coated
Back Finish	Smooth, Anti-Reflection Coated
Retardance	OPD 140nm +/-10nm (125nm and 165nm also available)
Handedness	Left Handed (Right Handed also available)
Environmental	-50°C to +70°C

Retardances Available:

- Quarter Wave at 125nm +/- 10nm (centered at 560nm)**
- Quarter Wave at 140nm +/- 10nm (centered at 500nm)*
- Quarter Wave at 165nm +/- 10nm (centered at 660nm)**

*Ideal wavelength for display contrast enhancement applications

** Minimums may apply

Thickness Options:

From .070" to .265" thick

Glass Substrate Options:

- Soda Lime float glass*
- Optiwhite
- Corning Eagle XG, no coatings

*Standard

Coating Options:

- BBAR HEA Anti-Reflective Coatings, .2% reflectance avg. 400-760nm*
- BBAR HEA Anti-Reflective Coatings (optimized for high angle of incidence), .2% reflectance avg. 400-760nm
- Conductive EMI/RFI Coatings
- Beamsplitter Coatings

*Standard

Waterjet Cutting:

Our water jet is strictly set-up for cutting glass and glass laminates. The resulting edge is a beautiful smooth, frosted, and chip-free surface. Please contact us for a sample. We can cut pretty much any shape you need. You will be impressed!

Other Options:

- Edge sealing for improved environmental performance
- Screening/Laser marking on surface of parts

