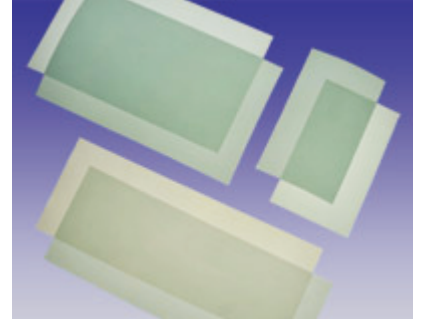


# Circular Polarizers

## Uses:

Circular polarizers are used to improve the viewability of emissive displays. In bright light environments, Electro Luminescent (EL), Field Emissive Displays (FED), Cathode Ray Tube (CRT), Light Emitting Diode (LED) and Organic Light Emitting Diode (OLED) benefit greatly from the use of a circular polarizer.

Circular polarizers are also used in camera, video and sensor applications where sensitivity to linearly polarized light is an issue, but glare reduction is required. Circular polarizers are also used in 3D applications as an alternative to linear polarizers.



## Data:

<b>Product Code</b>	<b>APRCP05-072-GL99</b>
Description	Red Circular Polarizer
Thickness	.072" +/- .015"
Substrate	Acrylic
Front Finish	GL99 Cast Non-Glare Finish
Back Finish	Smooth, Uncoated
Transmission-single pass	5%
Transmission-double pass reflected	.5%
Efficiency-linear component	99.9%
Retardance	OPD 140nm +/-10nm (1/4 Wave Centered at 560nm)
Handedness	Left Handed
Environmental	-50°C to +70°C

## Other Options:

Other front finishes:  
 Smooth-Uncoated  
 75 Gloss Non-Glare Hard Coating  
 54 Gloss Non-Glare Hard Coating  
 Clear Hard Coating  
 Other Available Thicknesses: .055", .065", and .130"  
 Other Substrates: No others available for the red circular polarizer

