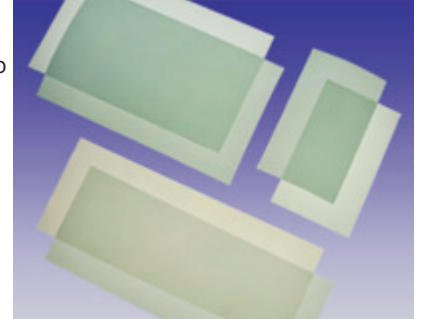


# Circular Polarizers

## 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>APNCP37-072-STD</b>
Description	Neutral Grey Circular Polarizer
Thickness	.072" +/- .015"
Substrate	Acrylic
Front Finish	Smooth, Uncoated
Back Finish	Smooth, Uncoated
Transmission-single pass	37%
Transmission-double pass reflected	2.1% (400-760nm)
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:  
60 Gloss Non-Glare Hard Coating  
Smooth-Uncoated  
Clear Hard Coating  
Other Available Thicknesses: .055", .065", and .130"  
Other Substrates: Glass

