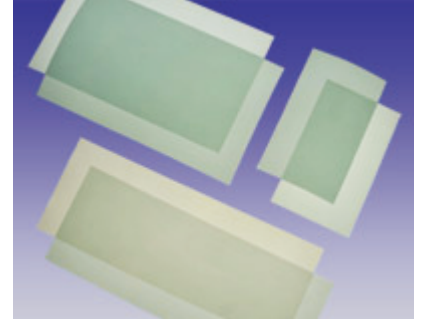


Circular Polarizers

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:

Product Code

APNCP37-010-STD

Description

Neutral Grey Circular Polarizer

Thickness

.010" +/- .003"

Substrate

Triacetate

Front Finish

Smooth, Uncoated

Back Finish

Smooth, Uncoated

Transmission-single pass

37%

Transmission-double pass reflected

.9%

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: Clear hard coating (APCP37-040-STD) and non-glare (APNCP37-033-60G)

Also available as a Right Hand circular polarizer (APNCP37-010-RH)

Other available substrates: Acrylic and glass

