

## 100 x 100mm Left-Handed Circular Polarizing Film (CP42HE)



Stock #29-442 **20+ In Stock**

⊖ 1 ⊕ C\$77.<sup>70</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	C\$77.70 each
Qty 6-25	C\$62.16 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

#### General

Left-Handed Circular Polarizer **Type:**

Polarization axis is parallel to marking on protective film. **Note:**

#### Physical & Mechanical Properties

100.00 **Length (mm):**

**Dimensions (mm):**

100.0 x 100.0 ±1.0

0.27 ±0.04 **Thickness (mm):**

Circular Polarizing Film **Construction:**

100.00 **Width (mm):**

## Optical Properties

[Polymer Film CP42HE](#) **Substrate:**

42 **Transmission (%):**

400 - 700 **Wavelength Range (nm):**

>99.90 **Polarization Efficiency (%):**

## Environmental & Durability Factors

-40 to +80 **Operating Temperature (°C):**

80 x 500 **Heat Resistance (°C x Hours):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **REACH 241:**

## Product Details

- Greater than 42% Transmission
- Available with Film or Plastic Substrate
- Right-Handed or Left-Handed Designs Available

Circular Polarizers (CP42HE and CP42HER) are ideal for reducing glare in a variety of imaging applications or for increasing the visibility of displays in bright environments. These circular polarizers feature excellent transmission of visible light from 400 – 700nm. The plastic substrate offers increased durability, while the film substrate offers increased flexibility and can be cut to fit an application's needs. Circular Polarizers (CP42HE and CP42HER) have Left-handed (CP42HE) and right-handed (CP42HER) polarization directions available. The best performance will be achieved at 560nm and polarization may become more elliptical the further the deviation from this recommended wavelength.

### Immediate Custom Quotes Available

If you have a need for any round, square, or rectangular size of a Circular Polarizer (CP42HE and CP42HER) in dimensions between 3mm and 600mm, please visit our [Polarizing Film Tool](#). We'll provide an immediate quote, and can deliver the part to your requested size in approximately 3 weeks. A full list of standard manufacturing tolerances and restrictions are listed. For fully customized polymer polarizers to your requirements, visit our [Customized Polymer Polarizers Capabilities](#) page.