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## 100 x 100mm Right-Handed Circular Polarizing Film (CP42HER)



Stock #29-450 **3 In Stock**

⊖ 1 ⊕ £44<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	£44.40 each
Qty 6-25	£35.52 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

Right-Handed Circular Polarizer

**Type:**

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

### Physical & Mechanical Properties

100.00 **Length (mm):**

100.0 x 100.0 ±1.0	<b>Dimensions (mm):</b>
0.27 ±0.04	<b>Thickness (mm):</b>
Circular Polarizing Film	<b>Construction:</b>
100.00	<b>Width (mm):</b>

## Optical Properties

<a href="#">Polymer Film CP42HE</a>	<b>Substrate:</b> <input type="checkbox"/>
42	<b>Transmission (%):</b>
400 - 700	<b>Wavelength Range (nm):</b>
>99.90	<b>Polarization Efficiency (%):</b>

## Environmental & Durability Factors

-40 to +80	<b>Operating Temperature (°C):</b>
80 x 500	<b>Heat Resistance (°C x Hours):</b>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>REACH 241:</b>

## 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.