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## 500 x 600mm Left-Handed Circular Polarizing Film (CP42HE)



Stock #29-447 **1 In Stock**

- 1 + £364.<sup>00</sup>

**ADD TO CART**

### Volume Pricing

|            |                               |
|------------|-------------------------------|
| Qty 1-5    | £364.00 each                  |
| Qty 6-25   | £313.28 each                  |
| Need More? | <a href="#">Request Quote</a> |

**i** Prices shown are exclusive of VAT/local taxes

### Product Downloads

#### General

Left-Handed Circular Polarizer **Type:**

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

#### Physical & Mechanical Properties

600.00 **Length (mm):**

|                          |                         |
|--------------------------|-------------------------|
| 500.0 x 600.0 ± 5.0      | <b>Dimensions (mm):</b> |
| 0.27 ± 0.04              | <b>Thickness (mm):</b>  |
| Circular Polarizing Film | <b>Construction:</b>    |
| 500.00                   | <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.