

## 500 x 600mm Right-Handed Circular Polarizing Film (CP42HER)



Stock **#29-452** 5 In Stock

-

1

+

S\$637<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | S\$637.00 each                |
| Qty 6-25       | S\$548.24 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Type:  
Right-Handed Circular Polarizer

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

Physical & Mechanical Properties

Length (mm):  
600.00

Dimensions (mm):

|                                    |                                     |
|------------------------------------|-------------------------------------|
| 500.0 x600.0 ±5.0                  |                                     |
| 0.27 ±0.04                         | Thickness (mm):                     |
| Circular Polarizing Film           | Construction:                       |
| 500.00                             |                                     |
| Width (mm):                        |                                     |
| Optical Properties                 |                                     |
| Polymer Film CP42HER               | Substrate: <input type="checkbox"/> |
| 42                                 | Transmission (%):                   |
| 400 - 700                          |                                     |
| Wavelength Range (nm):             |                                     |
| >99.90                             | Polarization Efficiency (%):        |
| Environmental & Durability Factors |                                     |
| -40 to +80                         | Operating Temperature (°C):         |
| 80 x500                            | 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.