

## 25mm Dia. UV Polarizing Film



Stock #72-681 **12 In Stock**

A\$85<sup>00</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | <b>A\$85.60</b> each          |
| Qty 10-25      | <b>A\$67.84</b> each          |
| Need More?     | <a href="#">Request Quote</a> |

### Product Downloads

### General

Linear Polarizer **Type:**

**Note:**  
Outer 0.5mm edge is not functional due to loss of transparency during laser cutting. Delivered with protective film and paper overlayer on both sides marked to show polarization axis

### Physical & Mechanical Properties

25.00 ±0.2 **Diameter (mm):**

|  |  |
|--|--|
| 0.19 (Nominal)   | <b>Thickness (mm):</b>                     |
| Polarizing Film  | <b>Construction:</b>                       |
| <b>Optical Properties</b>  |  |
| Uncoated   | <b>Coating:</b>                            |
| 1000:1 (avg @ 325nm-400nm)<br>6000:1 (avg @ 400nm-750nm)                                     | <b>Extinction Ratio:</b>                   |
| CTA (Cellulose Triacetate)   | <b>Substrate:</b> <input type="checkbox"/> |
| 320 - 750  | <b>Wavelength Range (nm):</b>              |
| 39 (325nm-400nm)   | <b>Transmission, Single (%):</b>           |
| 0.04 (325nm-400nm)   | <b>Transmission, Crossed (%):</b>          |
| <b>Environmental &amp; Durability Factors</b>  |  |
| Heat Resistance: 70°C dry<br>Cold Resistance: -20°C  | <b>Operating Temperature (°C):</b>         |
| DIN ISO 9022-2-10-07<br>DIN ISO 9022-2-11-05<br>DIN ISO 9022-2-12-07<br>DIN ISO 9022-2-14-05 | <b>Environmental Durability:</b>           |
| 15 - 25  | <b>Storage Temperature (°C):</b>           |
| <b>Regulatory Compliance</b>   |  |
| <a href="#">Compliant</a>  | <b>RoHS 2015:</b>                          |
| <a href="#">View</a>   | <b>Certificate of Conformance:</b>         |
| <a href="#">Compliant</a>  | <b>Reach 251:</b>                          |

## Product Details

- High UV Transmission from 325 - 400nm
- 1000:1 Contrast From 325 - 400nm, 6000:1 Contrast From 400 - 750nm
- Thin, Versatile Polymer Substrate

Ultraviolet (UV) Linear Polarizing Film provides excellent contrast, and transmission up to 39% for P-Polarized Light in the UV and VIS ranges from 325-750nm. A range of rectangular sizes are available to accommodate small and large beam diameters as well as LED light sources. Ultraviolet (UV) Linear Polarizing Films are made with a durable, robust film substrate that is flexible and can be cut to size using scissors. This polarizing film is a cost-effective alternative to glass UV polarizers, and are ideal for use in industrial sensing, spectroscopy, and microscopy applications. [Near-Infrared \(NIR\) Linear Polarizing Film](#) and Visible [TECHSPEC High Contrast Linear Polarizing Film \(XP42\)](#) are also available.