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10mm Dia. UV Polarizing Film



Stock **#72-678** **5 In Stock**

- 1 + **\$46^{.90}**

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| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-9 | \$46.90 each |
| Qty 10-25 | \$37.52 each |
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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

10.00 ±0.2 **Diameter (mm):**

| | |
|--|------------------------------------|
| 0.19 (Nominal) | Thickness (mm): |
| Polarizing Film | Construction: |
| Optical Properties | |
| Uncoated | Coating: |
| 1000:1 (avg @ 325nm-400nm) 6000:1 (avg @ 400nm-750nm) | Extinction Ratio: |
| CTA (Cellulose Triacetate) | Substrate: □ |
| 320 - 750 | Wavelength Range (nm): |
| 39 (325nm-400nm) | Transmission, Single (%): |
| 0.04 (325nm-400nm) | Transmission, Crossed (%): |
| Environmental & Durability Factors | |
| Heat Resistance: 70°C dry Cold Resistance: -20°C | Operating Temperature (°C): |
| DIN ISO 9022-2-10-07 DIN ISO 9022-2-11-05 DIN ISO 9022-2-12-07 DIN ISO 9022-2-14-05 | Environmental Durability: |
| 15 - 25 | Storage Temperature (°C): |
| Regulatory Compliance | |
| Compliant | RoHS 2015: |
| View | Certificate of Conformance: |
| Compliant | Reach 253: |

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.