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## 10mm Dia. UV Polarizing Film



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

- 1 + €33<sup>.50</sup>

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Volume Pricing	
Qty 1-9	€33,50 each
Qty 10-25	€26,80 each
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**i** Prices shown are exclusive of VAT/local taxes

### 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

10.00 ±0.2	<b>Diameter (mm):</b>
0.19 (Nominal)	<b>Thickness (mm):</b>
Polarizing Film	<b>Construction:</b>

## Optical Properties

Uncoated	<b>Coating:</b>
1000:1 (avg @ 325nm-400nm) 6000:1 (avg @ 400nm-750nm)	<b>Extinction Ratio:</b>
CTA (Cellulose Triacetate)	<b>Substrate:</b> □
320 - 750	<b>Wavelength Range (nm):</b>
39 (325nm-400nm)	<b>Transmission, Single (%):</b>
0.04 (325nm-400nm)	<b>Transmission, Crossed (%):</b>

## Environmental & Durability Factors

Heat Resistance: 70°C dry Cold Resistance: -20°C	<b>Operating Temperature (°C):</b>
DIN ISO 9022-2-10-07 DIN ISO 9022-2-11-05 DIN ISO 9022-2-12-07 DIN ISO 9022-2-14-05	<b>Environmental Durability:</b>
15 - 25	<b>Storage Temperature (°C):</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 253:</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.