

12.5mm Dia. UV Polarizing Film



Stock #72-679 **3 In Stock**

⊖ 1 ⊕ A\$60⁴⁰

ADD TO CART

Volume Pricing	
Qty 1-9	A\$60.40 each
Qty 10-25	A\$48.00 each
Need More?	Request Quote

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

12.00 ±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: <input type="checkbox"/>
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.