

50 x 50mm UV Polarizing Film



Stock **#25-110** **6 In Stock**

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S\$191^{.80}

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Volume Pricing	
Qty 1-9	S\$191.80 each
Qty 10-25	S\$154.42 each
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General	
Linear Polarizer	Type:
Protective Film on Both Sides	Note:
Physical & Mechanical Properties	
50.00	Length (mm):
50.0 x 50.0 ±0.2	Dimensions (mm):

0.19 Nominal	Thickness (mm):
Polarizing Film	Construction:
50.00	Width (mm):

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 9022-2-10-04 DIN ISO 9022-2-11-05 DIN ISO 9022-2-12-07 DIN ISO 9022-2-14-02	Environmental Durability:
15 - 25	Storage Temperature (°C):

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

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.