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## 12.5mm Dia. UV Polarizing Film



Stock **#72-679** **5 In Stock**

- 1 + MRP ₹3,809

Price inclusive of all taxes

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Volume Pricing	
Qty 1-9	₹3,809 each
Qty 10-25	₹3,027 each
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### 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

**Diameter (mm):**

12.00 ±0.2

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 251:**

Germany

**Country of Origin:**

Imported By:  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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.