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# Ultraviolet (UV) Linear Polarizing Film



- High UV Transmission from 325 - 400nm
- 1000:1 Contrast From 325 - 400nm, 6000:1 Contrast From 400 - 750nm
- Thin, Versatile Polymer Substrate

## Common Specifications

### Physical & Mechanical Properties

**Construction:** Polarizing Film

### Optical Properties

**Coating:** Uncoated

**Extinction Ratio:** 1000:1 (avg @ 325nm-400nm)  
6000:1 (avg @ 400nm-750nm)

**Substrate:** CTA (Cellulose Triacetate)

**Wavelength Range (nm):** 320 - 750

**Transmission, Single (%):** 39 (325nm-400nm)

**Transmission, Crossed (%):** 0.04 (325nm-400nm)

### Environmental & Durability Factors

**Operating Temperature (°C):**

Heat Resistance: 70°C dry  
Cold Resistance: -20°C

**Storage Temperature (°C):**

15 - 25

## Technical Information

## Products

| Dia.<br>(mm) | Dimensions<br>(mm) | Thickness<br>(mm) | Stock<br>Number         | Price                                     | Buy         |
|--------------|--------------------|-------------------|-------------------------|-------------------------------------------|-------------|
| 10.00        | -                  | 0.19              | <a href="#">#72-678</a> | £26.27<br><a href="#">Volume Pricing</a>  | 5 In Stock  |
| 12.00        | -                  | 0.19              | <a href="#">#72-679</a> | £29.77<br><a href="#">Volume Pricing</a>  | 10 In Stock |
| -            | 12.5 x 12.5        | 0.19              | <a href="#">#25-112</a> | £29.77<br><a href="#">Volume Pricing</a>  | 5 In Stock  |
| 20.00        | -                  | 0.19              | <a href="#">#72-680</a> | £35.90<br><a href="#">Volume Pricing</a>  | 7 In Stock  |
| 25.00        | -                  | 0.19              | <a href="#">#72-681</a> | £42.02<br><a href="#">Volume Pricing</a>  | 10 In Stock |
| -            | 25.0 x 25.0        | 0.19              | <a href="#">#25-111</a> | £42.02<br><a href="#">Volume Pricing</a>  | 11 In Stock |
| 50.00        | -                  | 0.19              | <a href="#">#72-682</a> | £107.69<br><a href="#">Volume Pricing</a> | 5 In Stock  |
| -            | 50.0 x 50.0        | 0.19              | <a href="#">#25-110</a> | £107.69<br><a href="#">Volume Pricing</a> | 8 In Stock  |
| -            | 75.0 x 75.0        | 0.19              | <a href="#">#25-109</a> | £211.00<br><a href="#">Volume Pricing</a> | 5 In Stock  |
| -            | 150.0 x 150.0      | 0.19              | <a href="#">#25-108</a> | £652.25<br><a href="#">Volume Pricing</a> | 5 In Stock  |



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