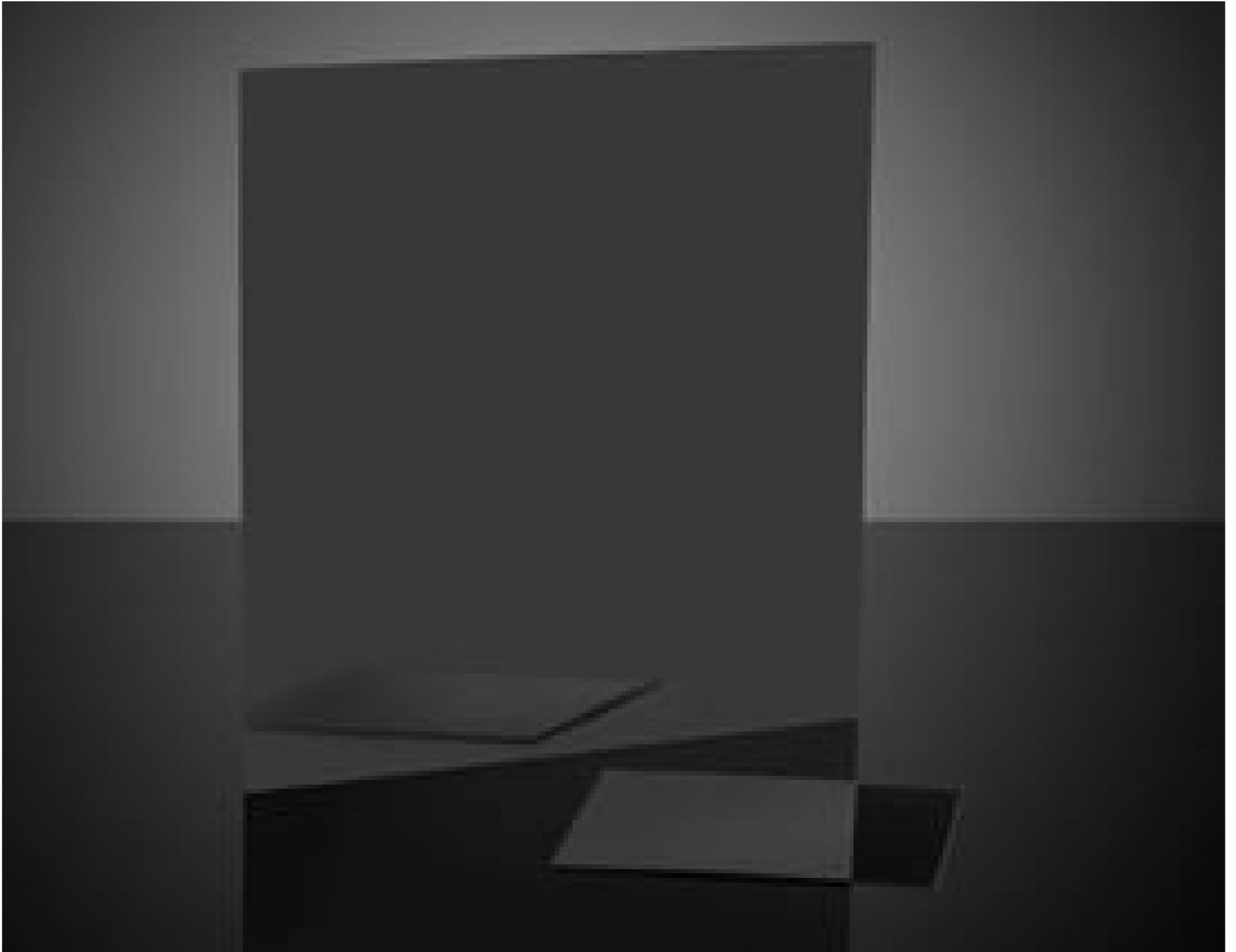


TECHSPEC® 100 x 100mm Linear Polarizing Film (XP42-40)



Stock **#29-494** **4 In Stock**

- 1 + A\$70⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-10	A\$70.86 each
Qty 11+	A\$59.33 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Linear Polarizer **Type:**

Note:
Polarization axis is parallel to marking on protective film.

Physical & Mechanical Properties

100.0 x 100.0 ±1.0 **Dimensions (mm):**

0.40 ±0.05 **Thickness (mm):**

Polarizing Film **Construction:**

Optical Properties

Uncoated, Protective Film on Both Sides **Coating:**

9000:1 (nominal at 555nm) **Extinction Ratio:**

[Polymer Film XP42-40](#) **Substrate:** □

Single: 42 ±2
Parallel: 36.4
Crossed: <0.004 (nominal at 555nm) **Transmission (%):**

400 - 700 **Wavelength Range (nm):**

>99.98 (nominal at 555nm) **Polarization Efficiency (%):**

42 ±2 **Transmission, Single (%):**

36.4 **Transmission, Parallel (%):**

<0.004 (nominal at 555nm) **Transmission, Crossed (%):**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 235:**

PRODUCT DETAILS

- High Transmission of Unpolarized Light from 400 – 700nm
- Excellent Extinction Ratio of 9000:1
- Available in Custom Sizes
- [High-Temperature](#) Options Also Available

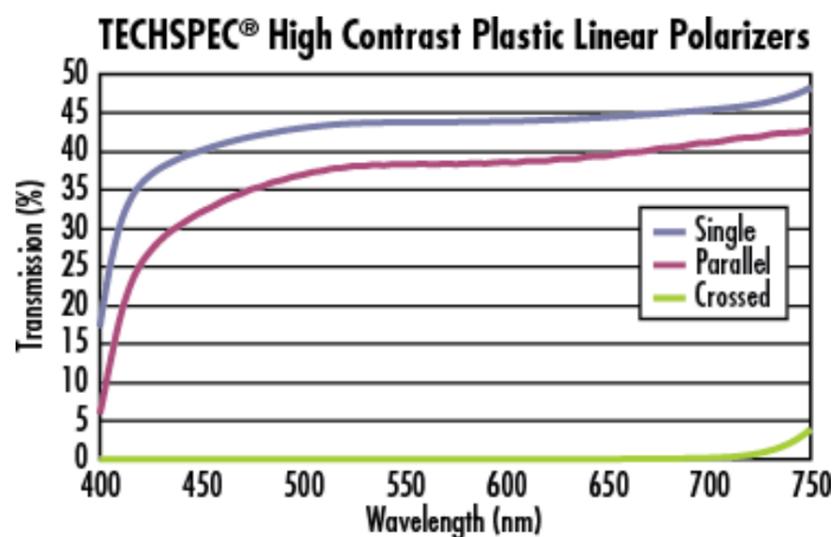
Ideal for a range of imaging applications, TECHSPEC® High Contrast Linear Polarizing Film (XP42) features an excellent extinction ratio and high transmission from 400 – 700nm. This polarizing film is offered in multiple thicknesses; thicker polarizing film has increased rigidity. Available in sheets, TECHSPEC® High Contrast Linear Polarizing Film (XP42) can be cut to fit any application need.

Note: Polarizer Film with adhesive available.

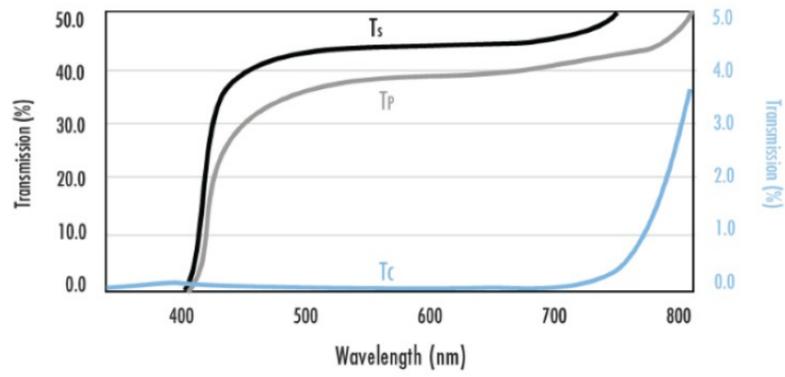
Immediate Custom Quotes Available

If you have a need for any round, square, or rectangular size of a TECHSPEC High Contrast Linear Polarizing Film (XP42) in dimensions between 3mm and 600mm, please visit our [Polarizing Film Tool](#). We'll provide an immediate quote, and can deliver the part to your requested size in approximately 3 weeks. A full list of standard manufacturing tolerances and restrictions are listed. For fully customized polymer polarizers to your requirements, visit our [Customized Polymer Polarizers Capabilities](#) page.

TECHNICAL INFORMATION



XP42 – Linear Polarizer



XP44 – Linear Polarizer

