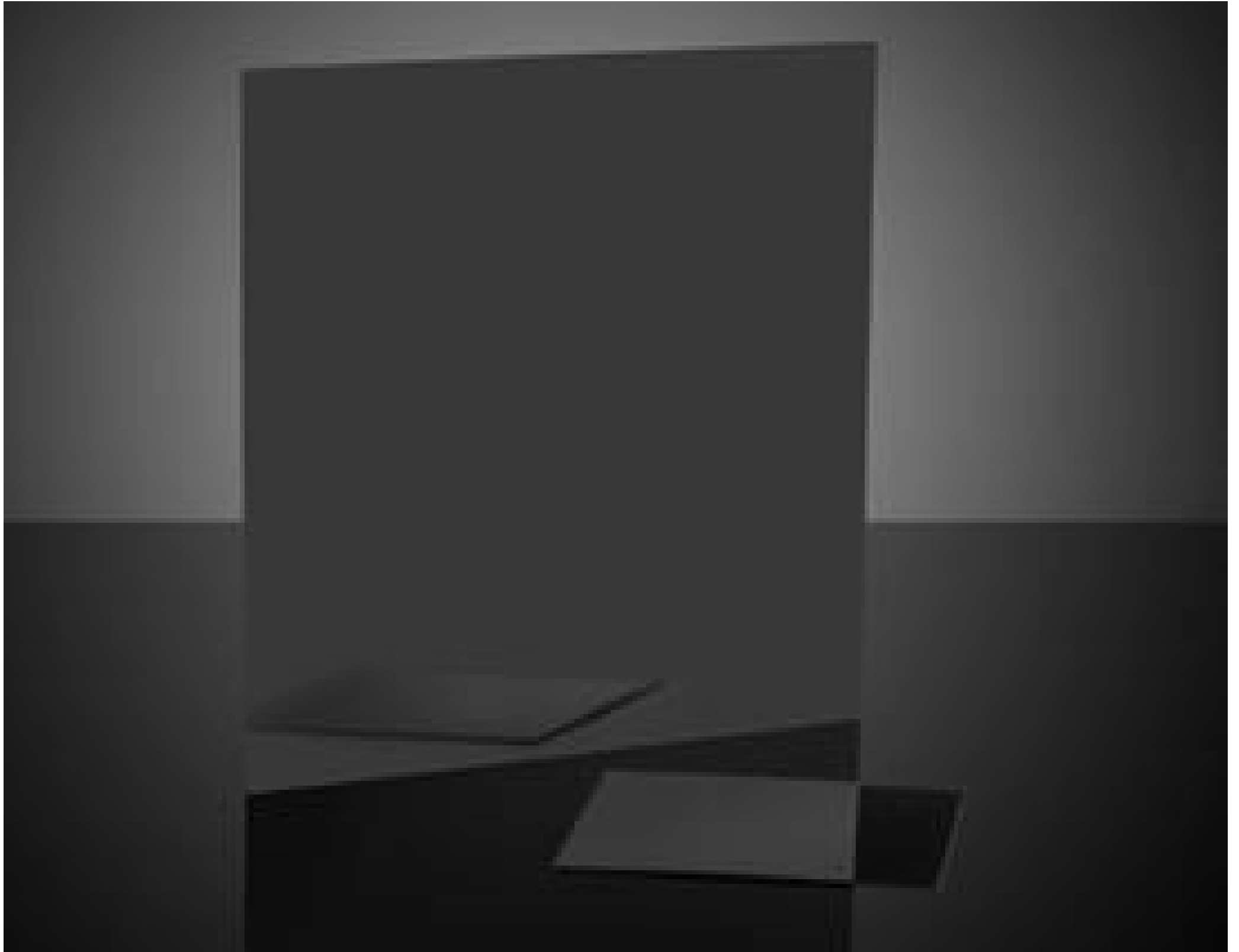


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TECHSPEC® 12.5mm Dia. Linear Polarizing Film (XP42-40)



Stock #19-011 CLEARANCE **16 In Stock**

− 1 + S\$18^{.55}

ADD TO CART

Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1+ | S\$18.55 each |
| Need More? | Request Quote |

Product Downloads

General

Linear Polarizer **Type:**

Note:
Polarization axis can be identified as follows:
Circular Parts - Parallel to direction of notch on polarizer
Square Parts - Parallel to mark on protective film
Rectangular Parts - Parallel to first listed dimension

Physical & Mechanical Properties

12.50 +0.0/-0.3 **Diameter (mm):**

| | |
|---|--|
| 0.40 ±0.05 | Thickness (mm): |
| Polarizing Film | Construction: |
| Optical Properties | |
| 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 (%): |
| <±5 | Transmission Variance after 1000 Hours (%): |
| Environmental & Durability Factors | |
| -40 to +80 | Operating Temperature (°C): |
| Regulatory Compliance | |
| Compliant | RoHS 2015: |
| View | Certificate of Conformance: |
| Contains SVHC(s) | 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

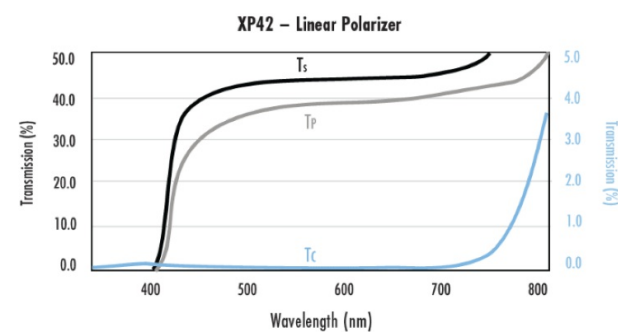
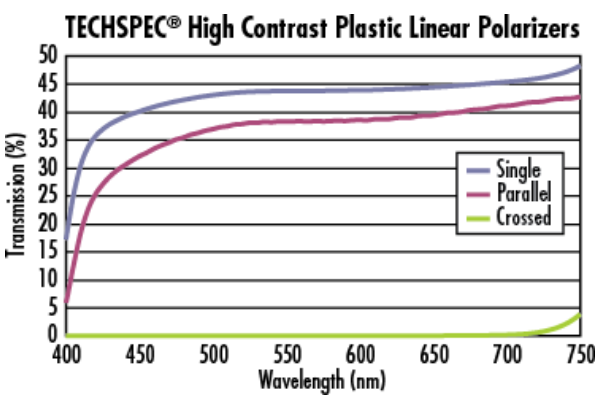
Ideal for a range of imaging applications, TECHSPEC® High Contrast Linear Polarizing Film (XP42) features an excellent extinction ratio and high transmission from 400 – 700nm. This polarizing film is offered in multiple thicknesses; thicker polarizing film has increased rigidity. Available in sheets,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



XP44 - Linear Polarizer

