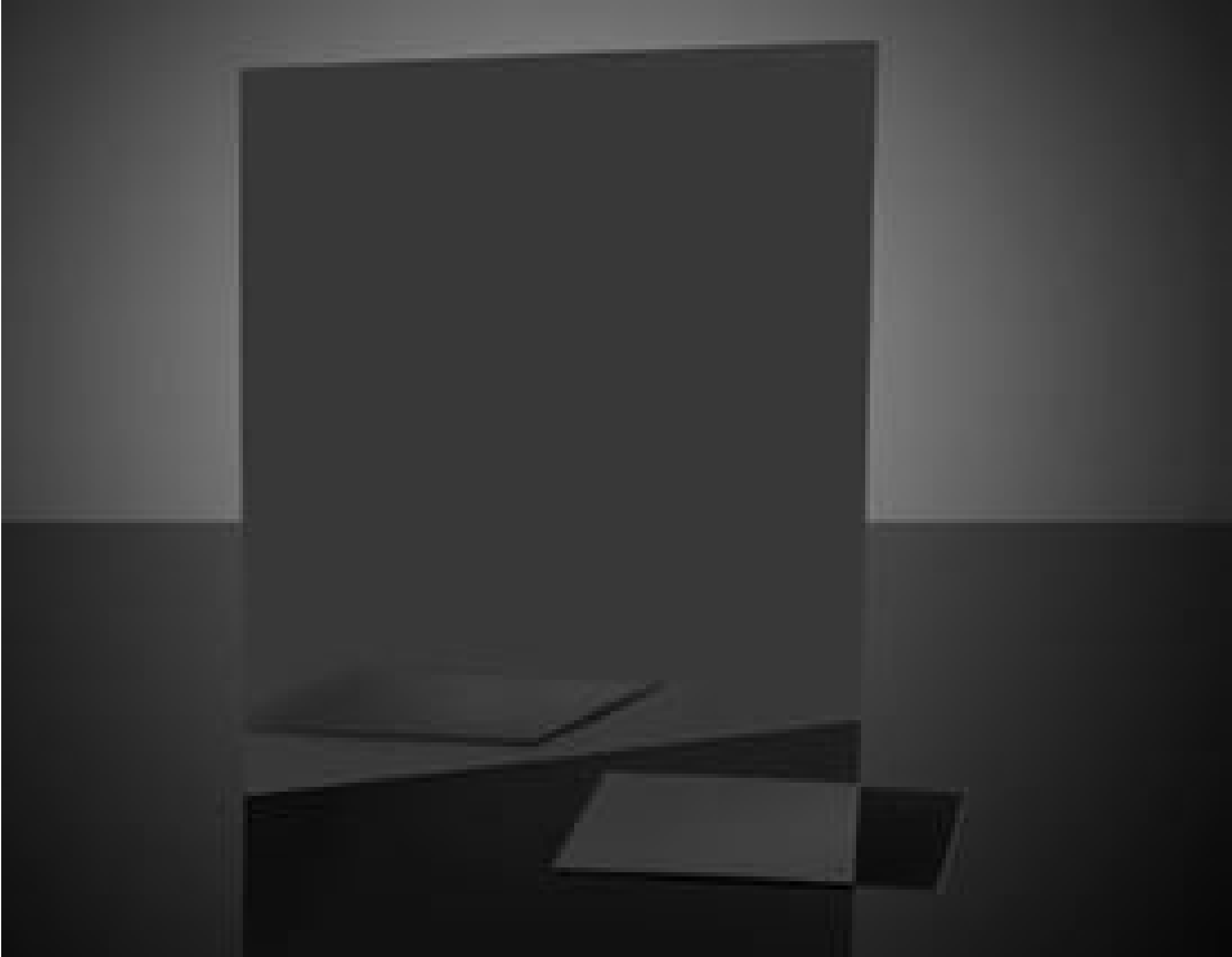


TECHSPEC®

# 150 x 150mm Linear Polarizing Film (XP42-40)



Stock #19-009 CLEARANCE 3-5 DAYS

- 1 +

S\$65.93

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| Qty 1+   |
| S\$65.93 |

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

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

**Operating Temperature (°C):**  
-40 to +80

**Dimensions (mm):**  
150.0 x 150.0

**Thickness (mm):**  
0.40 ±0.05

|                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Transmission (%)</b> :<br>Single: 42 ±2<br>Parallel: 36.4<br>Crossed: <0.004 (nominal at 555nm)                                                                                                                                               |
| <b>Type</b> :<br>Linear Polarizer                                                                                                                                                                                                                |
| <b>Dimensional Tolerance (mm)</b> :<br>±1.0                                                                                                                                                                                                      |
| <b>Construction</b> :<br>Polarizing Film                                                                                                                                                                                                         |
| <b>Note</b> :<br>Polarization axis can be identified as follows:<br>Circular Parts - Parallel to direction of notch on polarizer<br>Square Parts - Parallel to mark on protective film<br>Rectangular Parts - Parallel to first listed dimension |
| <b>Wavelength Range (nm)</b> :<br>400 - 700                                                                                                                                                                                                      |
| <b>Polarization Efficiency (%)</b> :<br>>99.98 (nominal at 555nm)                                                                                                                                                                                |
| <b>Transmission Variance after 1000 Hours (%)</b> :<br><±5                                                                                                                                                                                       |
| <b>#Sorting</b> :<br>47.00                                                                                                                                                                                                                       |

Regulatory Compliance

|                                                             |
|-------------------------------------------------------------|
| <b>RoHS 2015</b> :<br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance</b> :<br><a href="#">View</a> |
| <b>Reach 235</b> :<br><a href="#">Contains SVHC(s)</a>      |