

TECHSPEC®

# 600 x 500mm High-Temperature Linear Polarizing Film (XP40HT-40)



High-Temperature Linear Polarizing Film (XP40HT)

Stock **#14-349** CLEARANCE 3-5 DAYS

- 1 +

S\$281.93

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Qty 1+

S\$281.93

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

**Extinction Ratio:**  
5000:1

**Substrate:** [Polymer Film XP40HT-40](#)

**Dimensions (mm):**  
600.0 x 500.0

**Thickness (mm):**  
0.40 ±0.05

|                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Transmission (%):<br/>Single: 40 ±2<br/>Parallel: 32.2<br/>Crossed: &lt;0.006</div>                                                                                                                                                                |
| <div>Type:<br/>Linear Polarizer</div>                                                                                                                                                                                                                   |
| <div>Dimensional Tolerance (mm):<br/>+0/-3</div>                                                                                                                                                                                                        |
| <div>Construction:<br/>Polarizing Film</div>                                                                                                                                                                                                            |
| <div>Note:<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</div> |
| <div>Wavelength Range (nm):<br/>400 - 700</div>                                                                                                                                                                                                         |
| <div>Polarization Efficiency (%):<br/>&gt;99.99</div>                                                                                                                                                                                                   |
| <div>Heat Resistance (°C x Hours):<br/>100 x 1,000</div>                                                                                                                                                                                                |
| <div>Cold Resistance (°C x Hours):<br/>-40 x 1,000</div>                                                                                                                                                                                                |
| <div>Humidity Resistance (°C x Hours):<br/>80 x 90% RH x 1,000</div>                                                                                                                                                                                    |
| <div>Transmission Variance after 1000 Hours (%):<br/>&lt;±10</div>                                                                                                                                                                                      |
| <div>#Sorting:<br/>40.00</div>                                                                                                                                                                                                                          |

## Regulatory Compliance

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