

TECHSPEC®

# 25 x 25mm High-Temperature Linear Polarizing Film (XP40HT-18)



High-Temperature Linear Polarizing Film (XP40HT)

Stock **#13-911** CLEARANCE ☐ In Stock

- 1 +

C\$25.13

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Qty 1+

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

**Extinction Ratio:**  
5000:1

**Substrate:** ☐  
[Polymer Film XP40HT-18](#)

**Dimensions (mm):**  
25.0 x 25.0

**Thickness (mm):**  
0.19 ±0.02

|                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type:</b><br>Linear Polarizer                                                                                                                                                                                                                |
| <b>Dimensional Tolerance (mm):</b><br>±0.5                                                                                                                                                                                                      |
| <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>>99.5                                                                                                                                                                                                    |
| <b>Heat Resistance (°C x Hours):</b><br>100 x 1,000                                                                                                                                                                                             |
| <b>Cold Resistance (°C x Hours):</b><br>-40 x 1,000                                                                                                                                                                                             |
| <b>Humidity Resistance (°C x Hours):</b><br>80 x 90% RH x 1,000                                                                                                                                                                                 |
| <b>Transmission, Single (%):</b><br>40 ±2                                                                                                                                                                                                       |
| <b>Transmission, Parallel (%):</b><br>32.2                                                                                                                                                                                                      |
| <b>Transmission, Crossed (%):</b><br><0.005                                                                                                                                                                                                     |
| <b>Transmission Variance after 1000 Hours (%):</b><br><±10                                                                                                                                                                                      |
| <b>#Sorting:</b><br>10.00                                                                                                                                                                                                                       |

## 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>      |