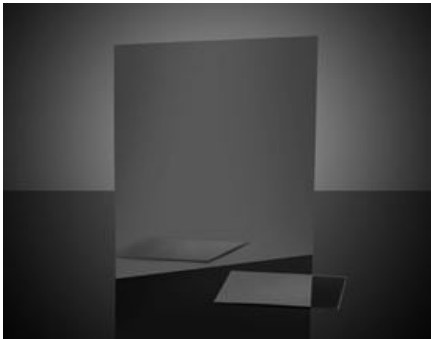


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## **TECHSPEC® Ultra-High Contrast Polarizing Film (XP42HE)**



- Superior 30,000:1 Extinction Ratio
- Excellent Transmission from 420-700nm
- Available in a Range of Sizes
- Custom Sizes Available

### Common Specifications

**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

<b>Extinction Ratio:</b>	30,000:1 (Nominal at 555nm)	
<b>Transmission (%):</b>	Single: 42.6 (nominal @ 555nm), 41.1 (average 420-700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420-700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420-700nm)	<b>Wavelength Range (nm):</b> 420 - 700
<b>Polarization Efficiency (%):</b>	>99.99% (nominal at 555nm)	

## Technical Information

## Products

Thickness (mm)	Dimensions (mm)	Extinction Ratio	Transmission (%)	Stock Number	Price	Buy
0.40	-	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420-700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420-700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420-700nm)	<a href="#">#71-891</a>	C\$38.85 <a href="#">Volume Pricing</a>	20+ In Stock
0.40	-	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420-700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420-700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420-700nm)	<a href="#">#71-892</a>	C\$42.00 <a href="#">Volume Pricing</a>	20+ In Stock
0.40	-	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420-700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420-700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420-700nm)	<a href="#">#71-893</a>	C\$46.90 <a href="#">Volume Pricing</a>	Contact Us

0.40	25 x 25	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-897</a>	C\$46.90 <a href="#">Volume Pricing</a>	20+ In Stock
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0.40	-	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-894</a>	C\$54.60 <a href="#">Volume Pricing</a>	20+ In Stock
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0.40	-	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-895</a>	C\$62.30 <a href="#">Volume Pricing</a>	20+ In Stock
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0.40	-	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-896</a>	C\$70.00 <a href="#">Volume Pricing</a>	14 In Stock
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0.40	50 x 50	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-898</a>	C\$70.00 <a href="#">Volume Pricing</a>	Contact Us
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0.40	75 x 75	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-899</a>	C\$101.50 <a href="#">Volume Pricing</a>	Contact Us
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0.40	100 x 100	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-900</a>	C\$132.30 <a href="#">Volume Pricing</a>	14 In Stock
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0.40	150 x 150	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-901</a>	C\$205.80 <a href="#">Volume Pricing</a>	Contact Us
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0.40	200 x 200	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-902</a>	C\$280.00 <a href="#">Volume Pricing</a>	5 In Stock
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0.40	250 x 250	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-903</a>	C\$334.60 <a href="#">Volume Pricing</a>	8 In Stock
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0.40	300 x 300	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-904</a>	C\$389.20 <a href="#">Volume Pricing</a>	4 In Stock
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0.40	500 x 500	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-905</a>	C\$498.40 <a href="#">Volume Pricing</a>	4 In Stock
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0.22	500 x 1000	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-907</a>	C\$777.00 <a href="#">Volume Pricing</a>	7 In Stock
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0.40	500 x 1000	30,000:1 (Nominal at 555nm)	Single: 42.6 (nominal @ 555nm), 41.1 (average 420- 700nm) Parallel: 36.4 (nominal @ 555nm), 34.0 (average 420- 700nm) Crossed: 0.001 (nominal @ 555nm), 0.002 (average 420- 700nm)	<a href="#">#71-906</a>	C\$847.00 <a href="#">Volume Pricing</a>	2 In Stock
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