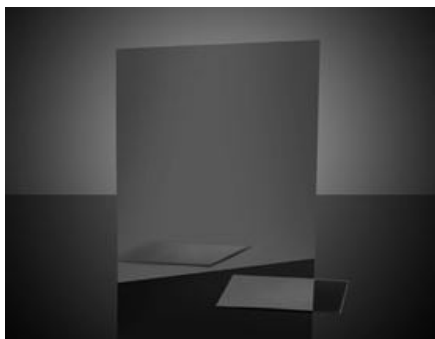


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TECHSPEC® Ultra-High Contrast Polarizing Film (XP42HE)



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

Common Specifications

General

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

Optical Properties

Extinction Ratio: 30,000:1 (Nominal at 555nm)

Transmission (%): 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)

Wavelength Range (nm): 420 - 700

Polarization Efficiency (%): >99.99% (nominal at 555nm)

Environmental & Durability Factors

Operating Temperature (°C): -10 to +60

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)	#71-891	₹1,946 Volume Pricing	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)	#71-892	₹2,102 Volume Pricing	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)	#71-893	₹2,336 Volume Pricing	20+ In Stock

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)	#71-897	₹2,336 Volume Pricing	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)	#71-894	₹2,725 Volume Pricing	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)	#71-895	₹3,114 Volume Pricing	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)	#71-896	₹3,503 Volume Pricing	14 In Stock
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)	#71-898	₹3,503 Volume Pricing	20+ In Stock
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)	#71-899	₹5,060 Volume Pricing	9 In Stock

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)	#71-900	₹6,617 Volume Pricing	20+ In Stock
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)	#71-901	₹10,276 Volume Pricing	3 In Stock
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)	#71-902	₹16,738 Volume Pricing	9 In Stock

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)	#71-903	₹16,738 Volume Pricing	9 In Stock
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)	#71-904	₹19,463 Volume Pricing	3 In Stock
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)	#71-905	₹24,912 Volume Pricing	1 In Stock

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)	#71-907	₹38,847 Volume Pricing	9 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)	#71-906	₹42,428 Volume Pricing	5 In Stock
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