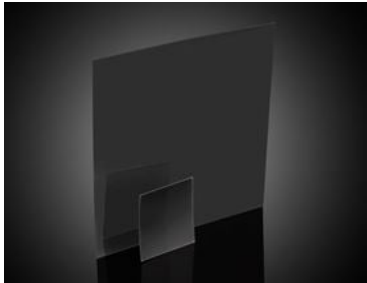


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Commercial Grade Visible Linear Polarizing Film (XP38)

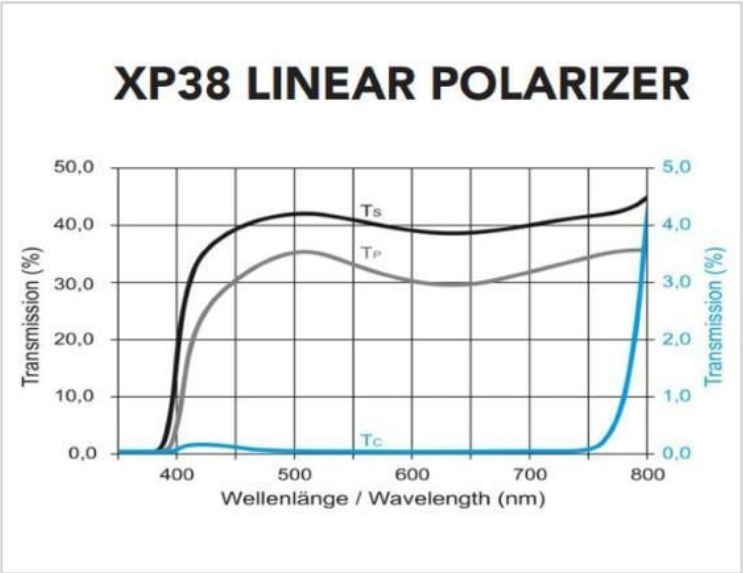


- 38% Transmission of Unpolarized Light from 400 – 700nm
- Extinction Ratio of up to 7500:1
- Excellent Cost to Performance Ratio

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
Physical & Mechanical Properties	
Thickness (inches):	0.007 ±0.001
Thickness (mm):	0.19 ±0.02
Construction:	Polarizing Film
Optical Properties	
Extinction Ratio:	Up to 7,500:1
Substrate:	Polymer Film XP38
Transmission (%):	Single: 38.5 ±2 Parallel: 30.1 Crossed: <0.004
Wavelength Range (nm):	400 - 700
Polarization Efficiency (%):	>99.98
Transmission Variance after 1000 Hours (%):	<±5
Environmental & Durability Factors	
Operating Temperature (°C):	-20 to +70
Heat Resistance (°C x Hours):	70 x 240
Humidity Resistance (°C x Hours):	40 x 95% RH x 240

Technical Information



Products

Extinction Ratio	Wavelength Range (nm)	Dimensions (mm)	Dimensional Tolerance (mm)	Dimensions (inches)	Thickness (mm)	Stock Number	Price	Buy
Up to 7,500:1	400 - 700	50.0 x 50.0	+0.0/-0.5	1.97 x 1.97	0.19	#20-239	£14.20 Volume Pricing	11 In Stock
Up to 7,500:1	400 - 700	150.0 x 150.0	±1.0	5.91 x 5.91	0.19	#20-240	£36.60 Volume Pricing	20+ In Stock
Up to 7,500:1	400 - 700	200.0 x 200.0	±1.0	7.87 x 7.87	0.19	#20-241	£51.60 Volume Pricing	10 In Stock
Up to 7,500:1	400 - 700	300.0 x 300.0	±3.0	11.8 x 11.8	0.19	#20-242	£84.80 Volume Pricing	14 In Stock
Up to 7,500:1	400 - 700	600.0 x 450.0	±5.0	23.6 x 17.7	0.19	#20-243	£136.00 Volume Pricing	6 In Stock
Up to 7,500:1	400 - 700	600.0 x 900.0	±5.0	23.6 x 39.4	0.19	#20-244	£207.20 Volume Pricing	17 In Stock



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