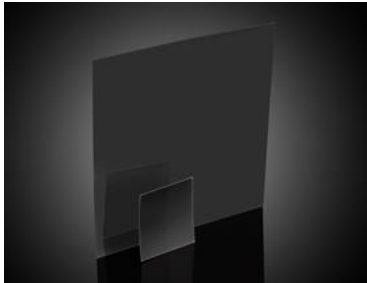


[All Products](#) / [Optics](#) / [Polarization Optics](#) / [Linear Polarizers](#) / [Absorptive \(Dichroic\) Polarizers](#) / [Polymer Film Polarizers](#)

Commercial Grade Visible Linear Polarizing Film (XP38)

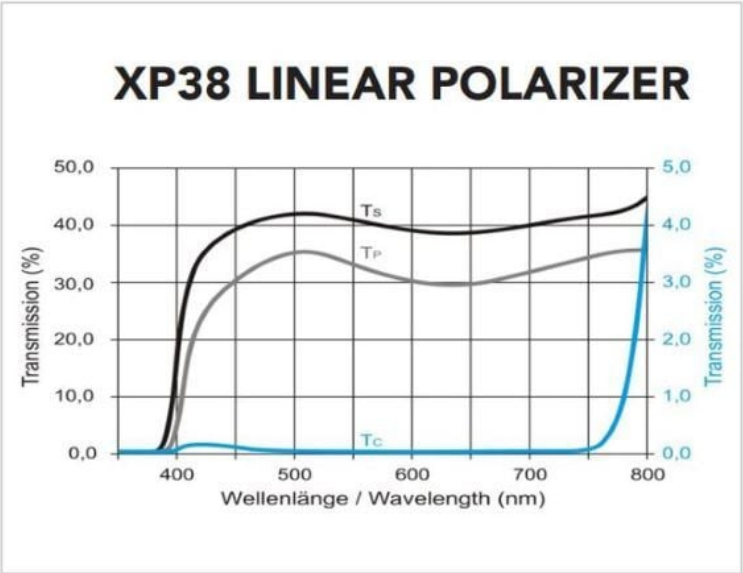


- 38% Transmission of Unpolarized Light from 400 – 700nm
- Extinction Ratio of up to 7500:1
- Excellent Cost to Performance Ratio

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	€16,48 Volume Pricing	13 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	€42,23 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	€59,74 Volume Pricing	13 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	€97,85 Volume Pricing	16 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	€157,59 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	€239,99 Volume Pricing	Contact Us



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK
 Phone: 1-800-363-1992 :
www.edmundoptics.com