

TECHSPEC® 200 x 200mm Linear Polarizer (XP42-100)



Stock #19-957 4 In Stock

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1

+

₹8,641

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Volume Pricing	
Qty 1-10	₹8,641 each
Qty 11+	₹7,162 each
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General

Linear Polarizer

Type:

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

Note:

Physical & Mechanical Properties

Dimensions (mm):

200.0 x200.0 +1.0/-1.0	
1.02 ±0.25	Thickness (mm):
Polarizing Film on PMMA	
Construction:	
Optical Properties	
Extinction Ratio:	
up to 9000:1 (nominal at 555nm)	
Substrate: □	
Polymer Film XP42-100	
Transmission (%):	
Single: 42 ±2 Parallel: 36.4 Crossed: <0.004 (nominal at 555nm)	
Wavelength Range (nm):	
400 - 700	
Polarization Efficiency (%):	
>99.98 (nominal at 555nm)	
Transmission Variance after 1000 Hours (%):	
<±5	
Environmental & Durability Factors	
Operating Temperature (°C):	
-10 to +60	
Operating Humidity:	
≤80% (no condensation)	
Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 247:	
Compliant	
Country of Origin:	
Japan	
Imported By:	
Edmund Optics India Private Limited	

Product Details

- High Transmission of Unpolarized Light from 400 – 700nm
- Excellent Extinction Ratio of 9000:1
- Available in Custom Sizes
- [High-Temperature](#) Options Also Available

Ideal for a range of imaging applications, TECHSPEC® High Contrast Linear Polarizing Film (XP42) features an excellent extinction ratio and high transmission from 400 – 700nm. This polarizing film is offered in multiple thicknesses; thicker polarizing film has increased rigidity. Available in sheets, TECHSPEC® High Contrast Linear Polarizing Film (XP42) can be cut to fit any application need.

Note: Polarizer Film with adhesive available.

Immediate Custom Quotes Available

If you have a need for any round, square, or rectangular size of a TECHSPEC High Contrast Linear Polarizing Film (XP42) in dimensions between 3mm and 600mm, please visit our [Polarizing Film Tool](#). We'll provide an immediate quote, and can deliver the part to your requested size in approximately 3 weeks. A full list of standard manufacturing tolerances and restrictions are listed. For fully customized polymer polarizers to your requirements, visit our [Customized Polymer Polarizers Capabilities](#) page.

Technical Information



