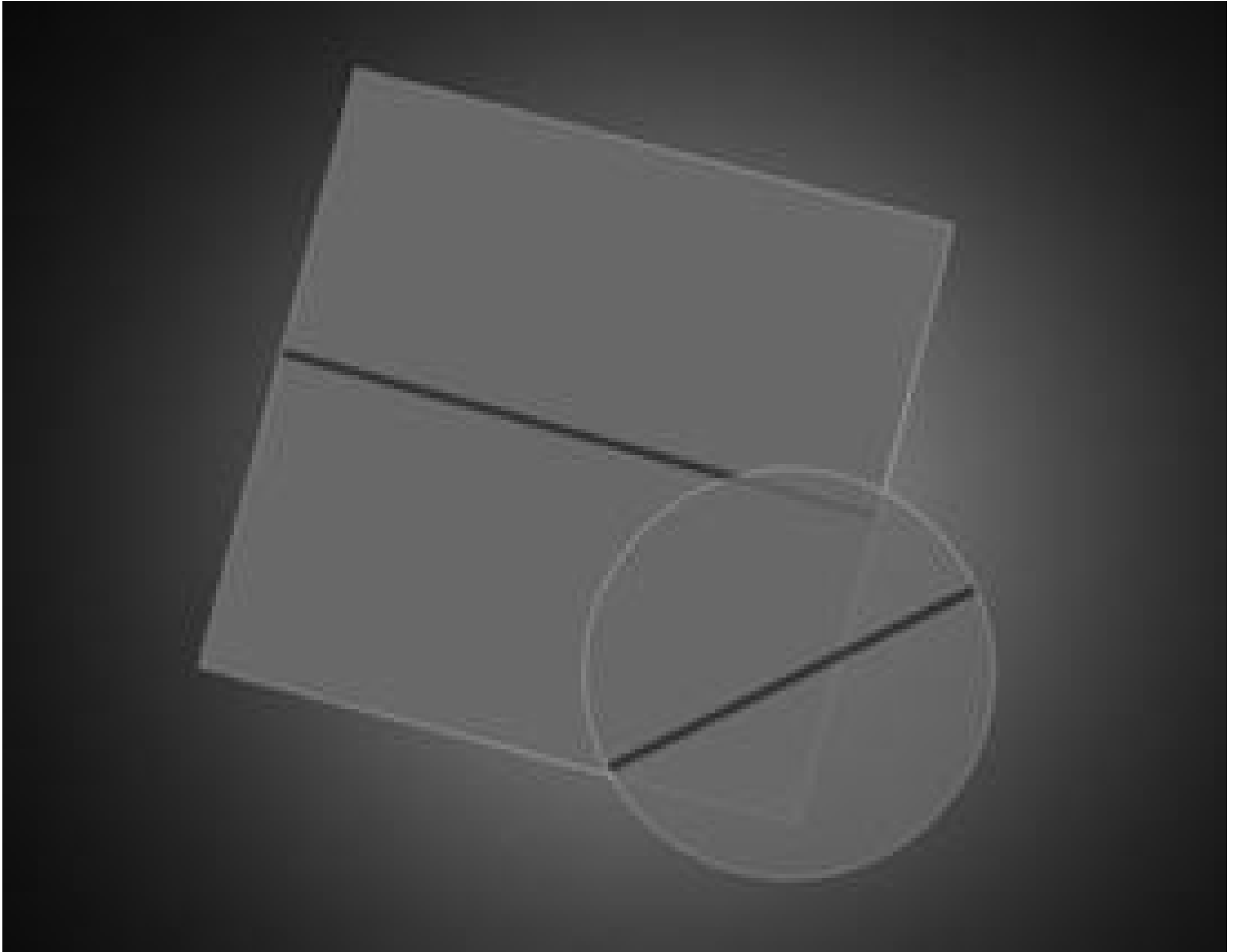


200mm x 200mm XP-NIR Commercial Grade NIR Polarizing Film



Stock #73-364 **1 In Stock**

MRP ₹21,894

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-9	₹21,894 each
Qty 10+	₹19,674 each
Need More?	Request Quote

Product Downloads

General

Linear Polarizer **Type:**

Note:
 Delivered with protective film on both sides
 Polarization axis indicated by notch cut into edge
 (circular parts) or stripe on protective film
 Pressure Sensitive Adhesive (PSA) on one side

Physical & Mechanical Properties

Length (mm):

200.00	Dimensions (mm):
200 x 200 +/- 1.0	
	Thickness (mm):
0.21 +/- 0.025	
	Construction:
Polarizing Film	
	Width (mm):
200.00	

Optical Properties

	Coating:
Uncoated	
	Extinction Ratio:
>160:1 from 800-1000nm (Average, Typical)	
	Substrate: <input type="checkbox"/>
XP-NIR Polarizing Film	
	Wavelength Range (nm):
800 - 1000	
	Polarization Efficiency (%):
>99.0 @ 860nm	
	Transmission, Single (%):
35 +/- 3.0 @ 860nm	

Environmental & Durability Factors

	Heat Resistance (°C x Hours):
105C x 500h (dry) Change in single transmittance @ 870nm <+/-5%	
60C x 1000h (90% humidity) Change in single transmittance @ 870nm <+/-5% from initial value, change in polarization efficiency @ 870nm <-3% from initial value	
	Cold Resistance (°C x Hours):
-40C x 1000h Change in single transmittance @ 870nm <+/-5% from initial value	
Change in polarization efficiency @ 870nm <-3% from initial value	

Regulatory Compliance

	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	Reach 250:
Compliant	
	Country of Origin:
Japan	
	Imported By:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- Optimized Performance Between 800-1000nm
 - Ideal for Sensing and Inspection Applications
 - Available in Sizes up to 600 x 900mm
 - [Near-Infrared \(NIR\) Linear Polarizing Film](#) and [High Contrast Near-Infrared \(NIR\) Polarizing Film](#) also Available for Broadband IR Applications
- Commercial Grade NIR Polarizing Film (XP-NIR) offers a cost-effective solution for polarization applications in the 800-1000nm range. This film offers contrast ratios of >160:1 (Average) and >99% polarization efficiency in the specified range, and its high environmental resistance makes it a great choice for demanding environments. Commercial Grade NIR Polarizing Film (XP-NIR) is delivered with a pressure sensitive adhesive (PSA) on one side and is available in circular or rectangular sizes, with up to a 50mm diameter or a 600 x 900mm format. This film is ideal for commercial sensing, inspection, and LIDAR applications.

Note: Custom sizes available up to 1000mm

Technical Information

