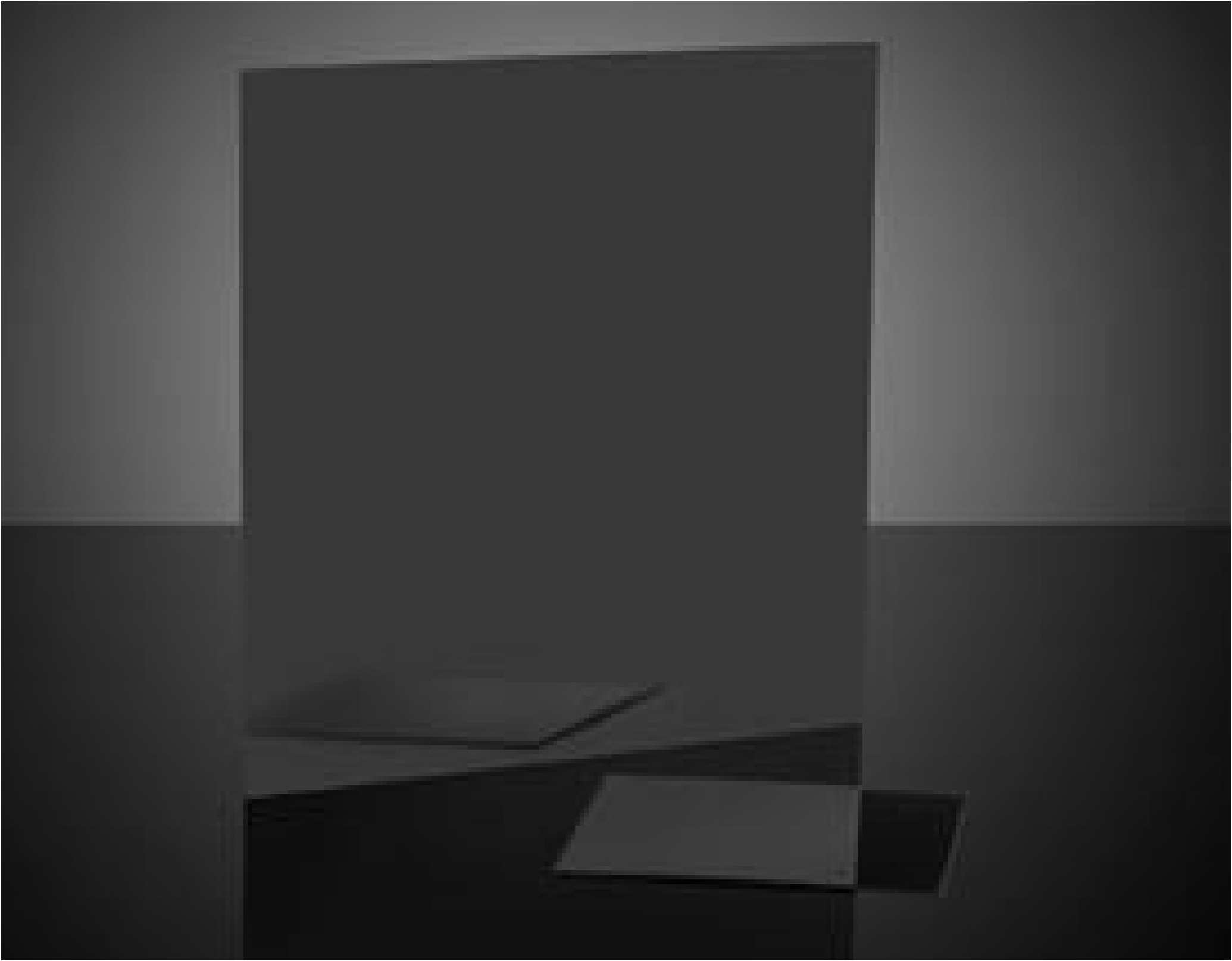


TECHSPEC[®] 30mm Dia. Linear Polarizing Film (XP42-18)



Stock #71-352 20+ In Stock

-

1

+

₹1,837

 Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-10	₹1,837 each
Qty 11+	₹1,470 each
Need More?	Request Quote

Product Downloads

General

Linear Polarizer

Type:

Note:
Polarization axis is parallel to notch on polarizer edge

Physical & Mechanical Properties

30.00 +0.0/-0.3

Diameter (mm):

Thickness (mm):

0.19 ±0.03	
Construction:	
Polarizing Film	
Optical Properties	
Coating:	
Uncoated, protective film on both sides	
Extinction Ratio:	
9000:1 (nominal at 555nm)	
Substrate: ☐	
Polymer Film XP42-18	
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, Single (%):	
42 ±2	
Transmission, Parallel (%):	
36.4	
Transmission, Crossed (%):	
<0.004 (nominal at 555nm)	

Environmental & Durability Factors	
Operating Temperature (°C):	
-40 to +80	
Heat Resistance (°C x Hours):	
80 x 500	
Humidity Resistance (°C x Hours):	
60 x 90% RH x 500	

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 anyround, 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

