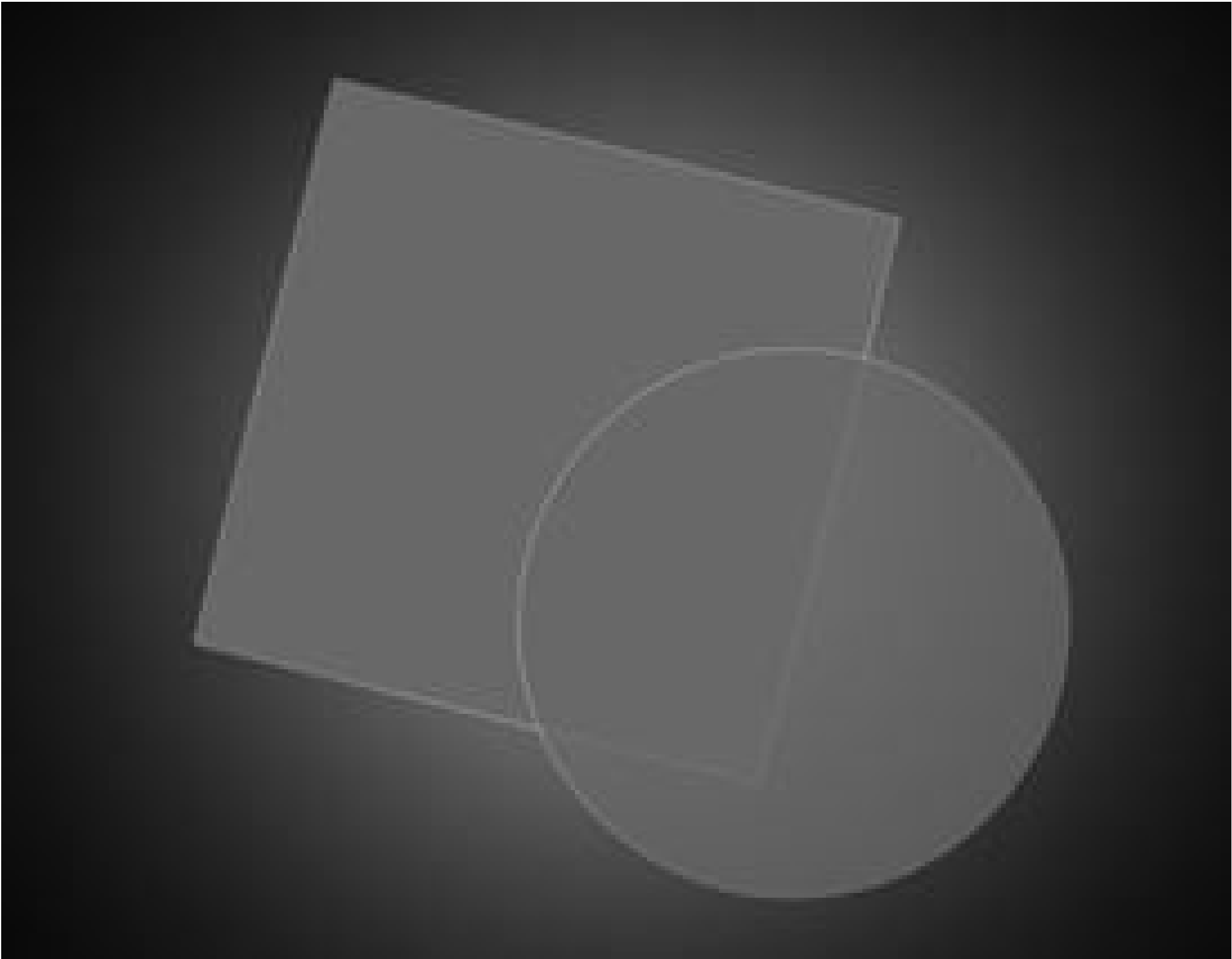
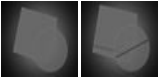


25mm Dia., 1λ Retarder Film (WP560)



Retarder Film with protective film removed



Stock **#25-373** **20+ In Stock**

-

1

+

S\$29^{.87}

ADD TO CART

Volume Pricing	
Qty 1-10	S\$29.87 each
Qty 11+	S\$25.39 each
Need More?	Request Quote

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SPECIFICATIONS

General

Retarder Film

Type:

Note:

Fast axis is indicated by a black stripe on the protective film. This film should be removed before use.

Physical & Mechanical Properties	
25.00 +0/-0.3	Diameter (mm):
0.15 ±0.025	Thickness (mm):
Polarizing Film	Construction:
Optical Properties	
560	Design Wavelength DWL (nm):
Polymer Film WP560	Substrate: ☐
1λ	Retardance:
>89	Transmission (%):
360.00	Phase Shift (°):
400 - 700	Wavelength Range (nm):
147 ±4	Retardation (nm):
Material Properties	
<1	Haze (%):
Environmental & Durability Factors	
-20 to +50	Operating Temperature (°C):
80 x 1000	Heat Resistance (°C x Hours):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

PRODUCT DETAILS

- Highly Durable Polymer Sheets
 - λ/4 (WP140HE) Achromatic Retarder with Greater than 90% Transmission from 450-700nm
 - λ/4 (WP140HE), λ/2 (WP280), and 1λ (WP560) Retarder Films Available
- Polymer Retarder Film is an extremely durable, birefringent polymer sheet that has been designed to modify the polarization state of transmitted light. The highly transparent, achromatic λ/4 (WP140HE) and λ/2 (WP280) Polymer Retarder Films consist of a single layer, modified polycarbonate sheet that acts an achromatic retarder, and is optically and mechanically sound up to 90°C or 80°C respectively. The 1λ (WP560) Polymer Retarder Film consists of two λ/2 films that have been laminated together to create retardation values of 560nm. These films are ideal for use in a variety of coherent and polarized light applications, including circular polarizers, LCDs, and fiber optics.

Immediate Custom Quotes Available

If you have a need for anyround, square, or rectangular size of a Polymer Retarder Film 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

Polymer Retarder Film

