

Linear Polarizers

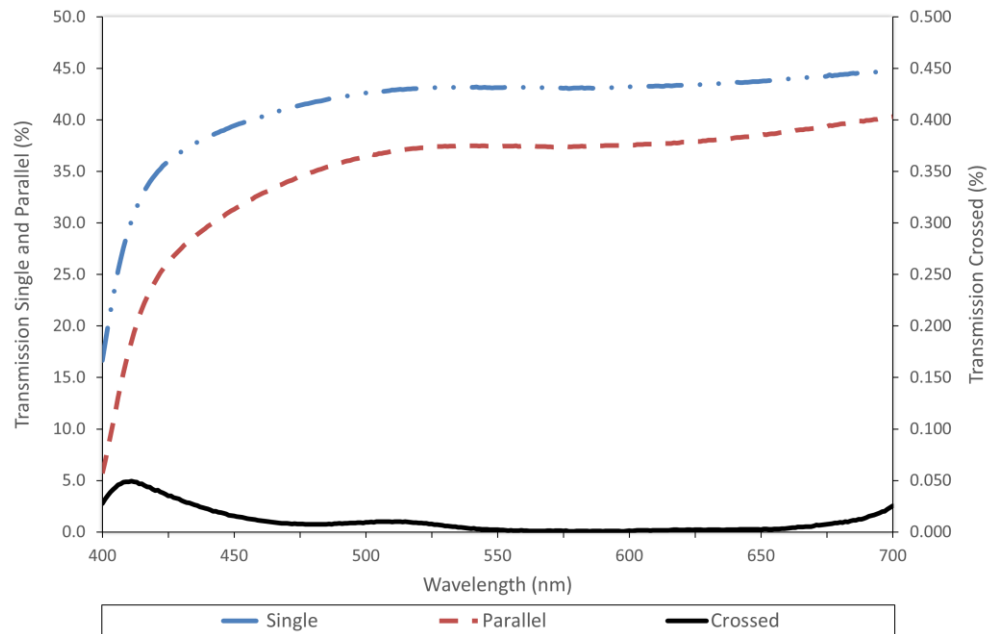
Uses:

Linear polarizers are used in a wide variety of applications. A linear polarizer is an excellent solution in applications that require glare reduction due to reflected light. A linear polarizer can also be used to modulate the intensity of a light source. By placing two polarizers over top of each other and rotating one against the other, one can control the intensity of transmitted light.

Data:

Product Code	AP43-008T-PSA
Description	Neutral Gray Linear Polarizer
Thickness	0.0084" (213um) +/- .0012" (30um)
Substrate	Cellulose Triacetate (CTA)
Front Finish	Smooth, Uncoated
Back Finish	Optical Pressure Sensitive Adhesive (PSA)
Transmission Single	43 ± 2% (400-700nm)
Transmission Parallel (Double Pass)	35% (400-700nm)
Transmission Crossed	0.01% (400-700nm)
Efficiency	≥99.9%
Extinction Ratio	3500 : 1
Hue	a -1.0 ± 2.0 b 3.5 ± 2.0
Heat Resistance	105°C x 1000h x Dry
Cold Resistance	-40°C x 1000h
Humidity Resistance	60°C x 1000h x 90%RH
Peel Strength (Glass)	>3.00 N/25mm

AP43-008T-PSA



Other Options:

- Other Substrates: Acrylic and Glass.
- Other Coatings: Acrylic Laminate: Clear hard coating, Anti-reflective
Glass Laminate: Anti-Reflective