

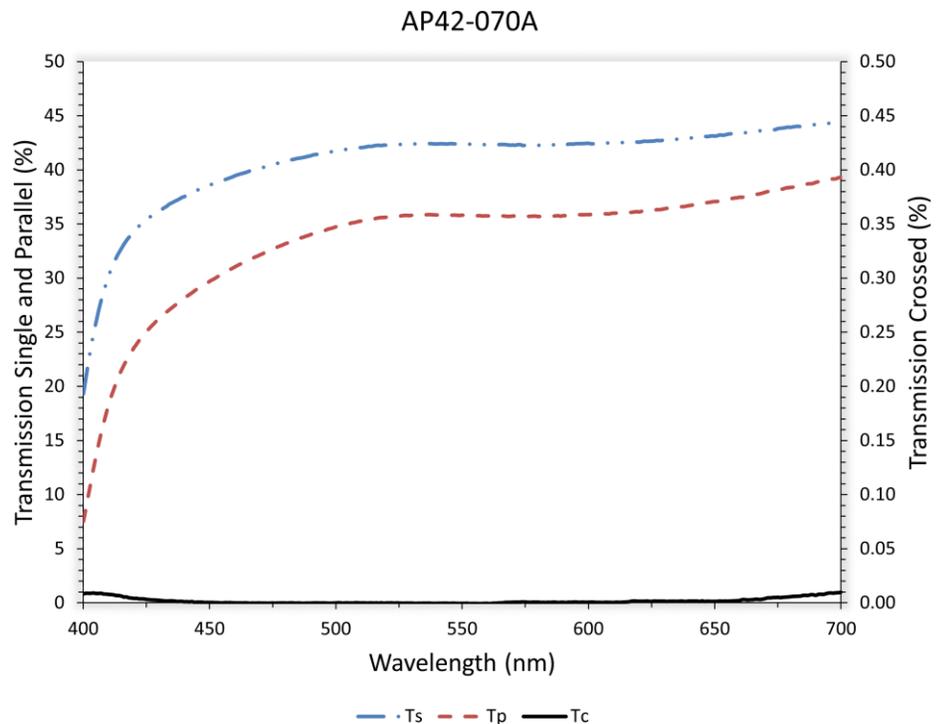
# Linear Polarizers

## 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:

<b>Product Code</b>	<b>AP42-070A</b>
Description	Acrylic Laminated Linear Polarizer
Thickness	0.070" ± 0.015"
Substrate	Cast Acrylic
Front Finish	Smooth, Uncoated
Back Finish	Smooth, Uncoated
Transmission Single	42% (400-700nm)
Transmission Parallel (Double Pass)	34% (400-700nm)
Transmission Crossed	0.002% (400-700nm)
Efficiency	≥99.99%
Extinction Ratio	18000 : 1
UV Blocking	99.3%
Heat Resistance	70°C Dry
Cold Resistance	-50°C



## Other Options:

Other Substrates: None for this product.

## Notes:

Recommended converting method is CO2 laser.