

3D Linear Polarizers

Uses:

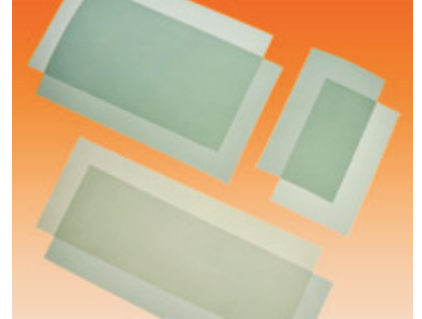
API manufactures linear polarizers for a wide range of 3D projection systems. Our polarizer filters are superior in clarity and resolution. Our 3-D linear and circular polarizer filters are available in the following substrates:

- * Glass with anti-reflective coatings on both sides
- * Acrylic with no coatings for budget applications

We offer glass sizes up to 14"x14" for high light output projectors. Please contact us for more information on our sizes and any assistance needed on choosing the correct filter for your specific lumen projector. Note that for long life and reliability, we recommend using 145 lumens per square inch for your filter sizing requirements.

Our passive 3D linear polarizer filters are designed for high transmission and low image ghosting. As a result of our many years of experience with optical laminations, we provide laminated filters with excellent clarity and resolution.

The standard axis for our linear polarizer filters is 45°-135°. Please contact us for other non-standard axis.



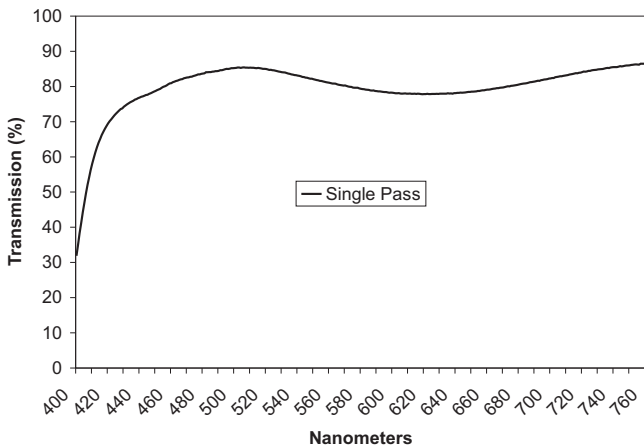
Data:

Product Code	APNLP41-100-GAR2
Description	Glass Laminated Neutral Grey Linear Polarizer with AR Coatings
Thickness	.100" +/- .015"
Substrate	Water White Float Glass
Front Finish	Anti-Reflective (HEA-AR)
Back Finish	Anti-Reflective (HEA-AR)
Transmission-single pass, 100% polarized light	80%
Transmission-crossed	.019%
Efficiency	99.9%
Environmental	-50°C to +70°C

Other Options:

Other Substrates: Uncoated Acrylic (77% transmission in 100% polarized light)

Transmission in 100% Linearly Polarized Light



Crossed Transmission

