

3D Circular Polarizers

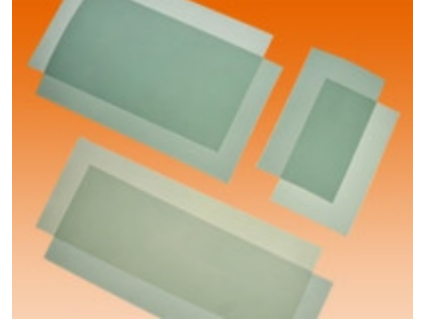
Uses:

API manufactures circular polarizers for a wide range of 3D projection systems. Our polarizer filters are superior in clarity and resolution. Our 3-D 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"x20" 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 output. Note that for long life and reliability, we recommend using 145 lumens per square inch for your filter sizing requirements.

Our passive 3D circular 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.



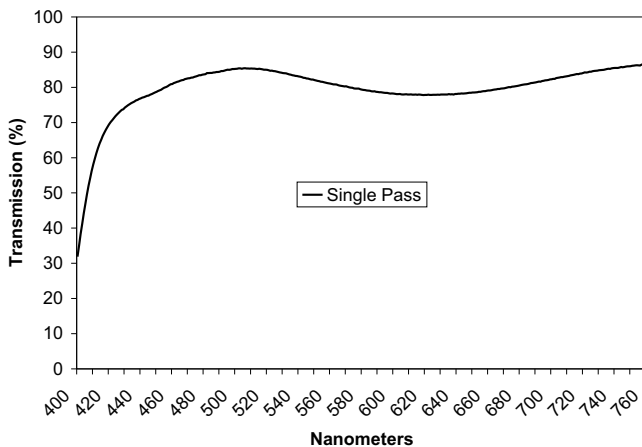
Data:

Material Product Code	APNCP37-105G-AR2
Description	Glass Laminated Neutral Grey Circular Polarizer with AR Coatings
Thickness	.110" +/- .015"
Substrate	Soda Lime Float Glass
Front Finish	Anti-Reflective (HEA-AR)
Back Finish	Anti-Reflective (HEA-AR)
Transmission,-single pass, unpolarized light	40% With Coatings
Transmission-single pass, 100% polarized light	82%
Transmission-crossed (LHCP to RHCP)	.051%
Efficiency-linear component	99.9%
Retardance	OPD 140nm +/-10nm (1/4 Wave Centered at 560nm)
Handedness	Left and Right Handed
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 (LHCP-RHCP)

