

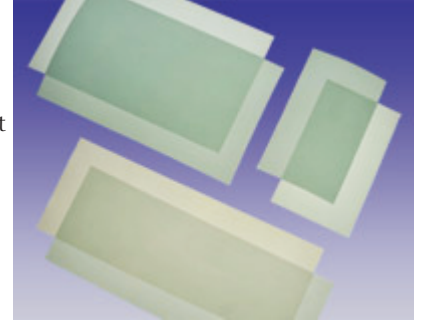
Ultraviolet(UV) Linear Polarizer

Overview:

In conjunction with Bolder Vision Optik, API is very pleased to offer a Ultraviolet (UV) linear polarizer. Composed of a dichroic UV polarizer sandwiched between fused silica, the APUV linear polarizer is an excellent choice for your polarization needs.

The effective UV range is from 320nm to 420nm. Broad band anti-reflective (BBAR) coatings are available upon request.

UV polarizer applications include: photometric instruments, microscopy, and systems integrating fluorescence.

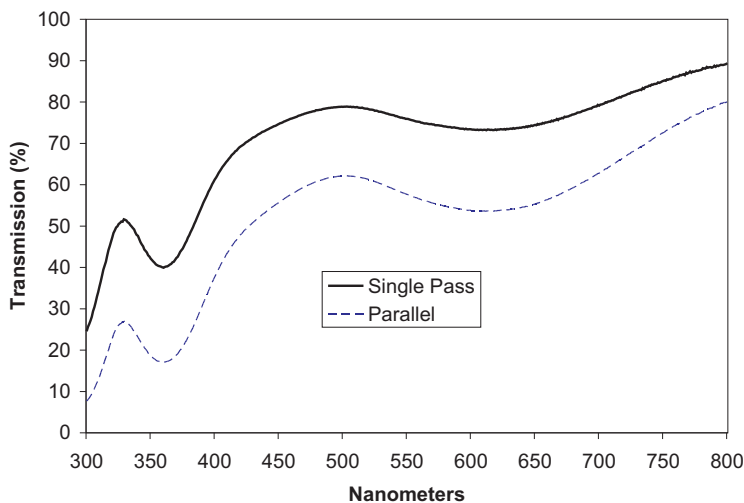


Data:

Product Code

<p>Description</p> <p>Available Sizes</p> <p>Substrate</p> <p>Effective Range</p> <p>Coatings</p> <p>Transmission, single pass, 320nm-420nm</p> <p>Transmission, parallel, 320nm-420nm</p> <p>Transmission, crossed, 320nm-420nm</p> <p>Beam Deviation</p> <p>Temperature Range</p> <p>Damage Threshold</p>	<p>APUV</p> <p>UV Linear Polarizer</p> <p>1" (APUV-1DIA) and 2" (APUV-2DIA) diameters</p> <p>Fused Silica</p> <p>320nm-420nm</p> <p>None (Broad Band AR available upon request)</p> <p>48.5%</p> <p>25.3%</p> <p>.08%</p> <p>1 arc minute</p> <p>-50°C to +50°C</p> <p>1 W/Cm², CW</p> <p>2 J/Cm² with 20 nanosec pulse, visible</p>
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Single and Parallel Transmission in Unpolarized Light



Crossed in Unpolarized Light

