

Polarizing Sheets



HIGH TEMPERATURE POLARIZERS

MidOpt's PG120, HT008 and HT025 are resistant to high temperature illumination. They solve the temperature sensitivity issues that are common with standard polarizing films, which typically fail or curl when introduced to high heat for an extended period of time.

The PG120 has an anti-reflection oleophobic coating to maximize transmission while repelling dirt and oil—making it the perfect polarizer for industrial imaging.

Temp. Rating: PG120/HT008: 115°C x 240 hours; HT025: 100°C x 240 hours & 90C x 1000 hours.

PG120 CAN WITHSTAND HIGHER TEMPERATURES THAN TYPICAL FILM



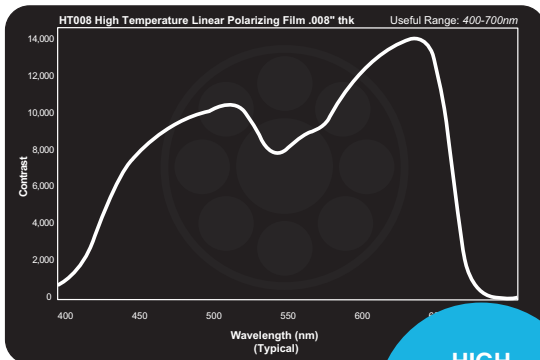
PG120 Ultra High Contrast Glass Linear Polarizer



Traditional polarizer film when exposed to high temperatures



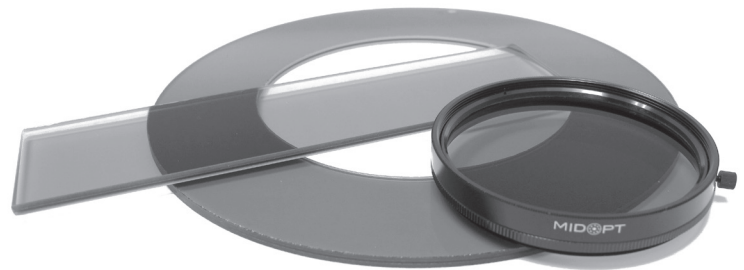
High-temperature-emitting LED



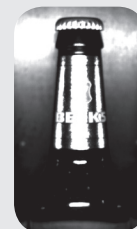
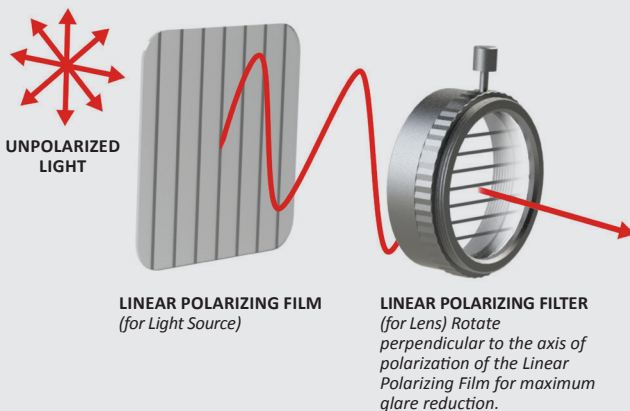
HIGH CONTRAST & TEMPERATURE RESISTANT

| Part # | Description | Thickness | * | Useful Range | Contrast Ratio |
|------------------------|--|-----------|---|--------------|----------------|
| LINEAR POLARIZING FILM | | | | | |
| HT025 | High Temperature Polarizing Film | .025" | L | 400-700nm | 5000:1 |
| HT008 | High Temperature Polarizing Film | .008" | L | 400-700nm | 10,000:1 |
| HTA008 | High Temperature Polarizing Film, Self Adhesive | .008" | L | 400-700nm | 10,000:1 |
| PG120 | High Temperature Ultra High Contrast Polarizing Film | .118" | G | 400-700nm | 10,000:1 |

*G = Glass; L = Laminate; Circular Polarizing Sheets available in Left and Right-handed options



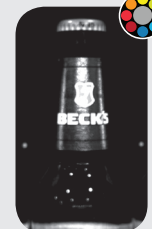
HOW IT WORKS



No Filter



Polarizing Filter



Polarizing Filter & Film

Best results are achieved when Polarizing Film is used over the light source in conjunction with a Polarizing Filter over the camera lens.

Pyramid Imaging Inc.
945 East 11th Avenue
Tampa, FL 33605
<https://pyramidimaging.com>
Sales@pyramidimaging.com
(813) 984-0125