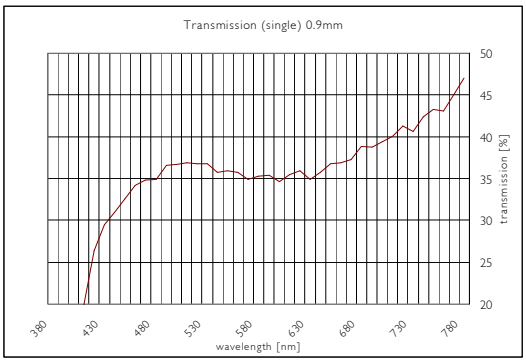
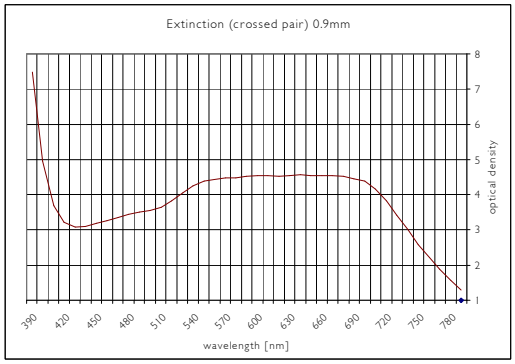
Specifications of Circular Polarizing Films

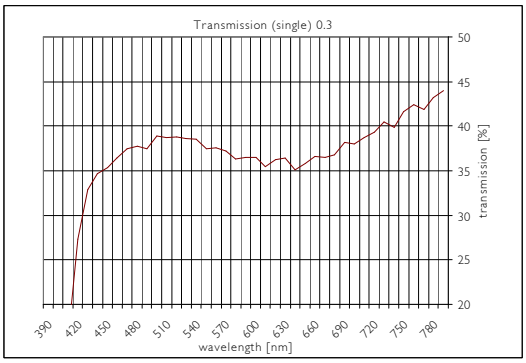
Film polarizers consist of long chain polymers, which are aligned by a stretching process to produce the polarization effect. To protect the polarizing film it is covered on both sides with cellulose acetobutyrate (CAB) and is therefore mechanically stable.

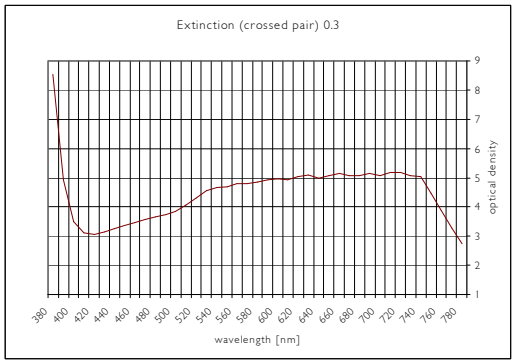
Applications:

- Remote sensing for factory automation
- Inspection
- Mechanical stress analysis (photoelasticity)
- Lighting for machine vision and other imaging applications
- 3D image projecting
- Scientific & research measurements and demonstrations









Type:	P-ZN/L 0.3	P-ZN/L 0.9
Transmission (single)[1]:	35% +-2%	35% +-2%
Transmission (parallel pair)[1]:	25% +-2%	25% +-2%
Extinction ratio (crossed pair)[1]:	3-10,000:1	3-10,000:1
Thickness:	0.3mm +- 0.05mm	0.9mm +-0.05mm
Maximum size:	480mm x 600mm +-5mm	420mm x 600mm +-5mm

[1] Average over wavelength range 380nm – 780nm for unpolarized light

Jos. Schneider Optische Werke GmbH
Ringstraße 132
55543 Bad Kreuznach
Germany
Phone: +49 671 601-490
Fax: +49 671 601-286
www.schneiderkreuznach.com/industrialoptics
industrie@schneiderkreuznach.com

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