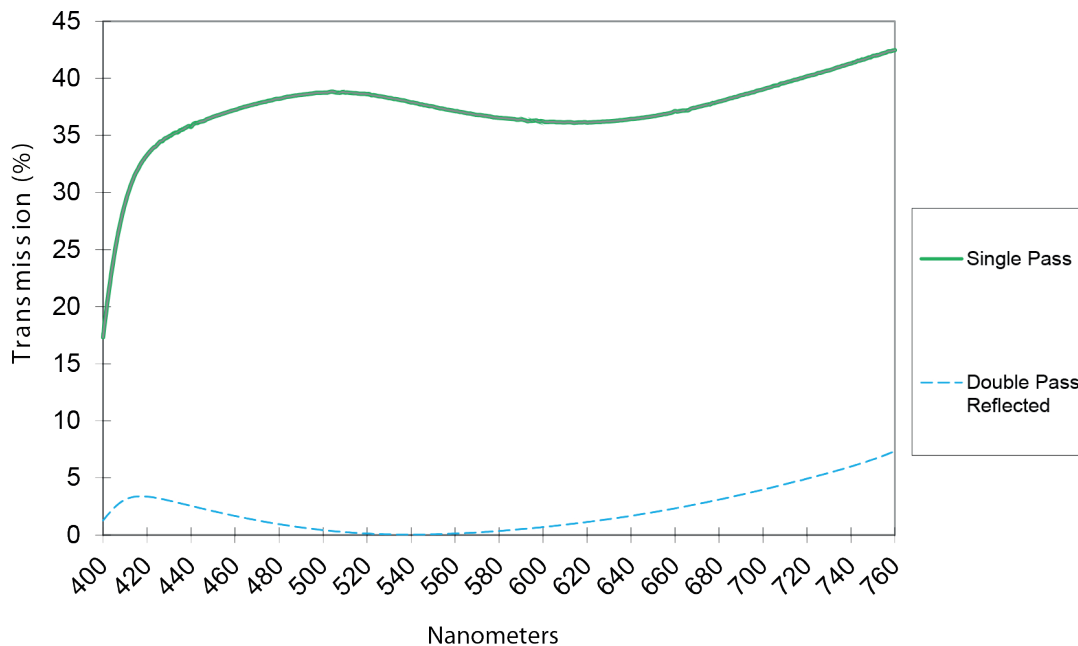




Circular Sheet Polariser

Material / Specification: HNCP37 replacement - Visible grade/ 37% transmission
Range / Description: POL-HNCP37-R



Polariser: HNCP37 Non-glare replacement
Type: Non-glare Neutral Grey Linear Polariser
Substrate: Lexan Cellulose Triacetate
Transmission single pass: 37%
Transmission double pass reflected: 2.1% @400-760nm
Efficiency-linear component: 99.99%
Retardance: optical path difference (OPD) 140nm +/-110nm (1/4 wave @560nm)
Operating temperature: -50°C to 70°C
Front and rear finish: Options below

Options:
Finish: Non-glare finish or smooth clear finish, Glass lamination can be Anti-Reflective coated
Handedness: Left handed or right handed options
Other Substrates: Acrylic and glass

Typical Applications: Circular polarisers are used as a solution to improve viewability of emissive displays. In bright light environments, Electro Luminescent (EL), Field Emissive Displays (FED), Cathode Ray Tubes (CRT), Light Emitting Diode (LED) and Organic Light Emitting Diode (OLED) all benefit from the use of circular polarisers.

Circular polarisers are also used in camera, video and sensor applications where sensitivity to linear polarised light is a problem. Circular polarisers are also used in 3D applications.