

General-Purpose Polarizers

These are polarizing-film type Polarizers sandwiched between protective cover plates : UV grade fused silica for the UV series, and grade A glass for the visible and infrared series.

Our 15mm series are mounted in our standard black-anodized cell, 1" dia X 0.3" thick. A white line scribed on the diameter of one face of the cell indicates the polarizing axis of the plate.

2" series are available as the cemented sandwich, or optionally mounted in our H-51-64 Cell.

These can only be used with low power lasers.

These cannot be used with high power lasers or in proximity with heat sources such as xenon or other lamps.



PUM/PM-15 are mounted in 1" diameter cell. PUM/PM-51 are unmounted, or optionally in H-51-64 Cell.

| <i>Catalog Number</i> | <i>Aperture</i> | <i>Spectrum</i> | <i>Cover Plate</i> | <i>Transmittance</i> | <i>Extinction</i> |
|-----------------------|---|-----------------|--------------------|----------------------|-------------------|
| PUM-15 | 15 mm dia. | 325-500 nm | UV Silica | 20% | 1000:1 |
| PUM-51 | 2" dia | 325-500 nm | UV Silica | 20% | 1000:1 |
| PM-15 | 15 mm dia. | 400-700 nm | Glass | 40% | 10,000:1 |
| PM-51 | 2" dia. | 400-700 nm | Glass | 40% | 10,000:1 |
| H-51-64 | Cell for PUM/PM-51 2 1/2" dia. X 1/2" thick | | | | |