

TELIC

Aluminum Blanks

SUBSTRATES

- Quartz (Synthetic Fused Silica)

APPLICATIONS

- Laser Ablation Masks

Substrate
Specifications

SIZES: Square to Rectangular Shapes up to 24" or
600mm

THICKNESS: 0.090" - 0.250" (non standard thickness
upon request)

SURFACE: All plates polished on both sides &
inspected to be free of glass defects > 5 micron

FLATNESS: Master Grade: < 5 micron

Film Specifications

ALUMINUM: Vacuum Deposited, DC Sputtered in
Class 100 Environment

THICKNESS/OPTICAL DENSITY: Standard: 1200Å
/O.D.=3.0 ± 0.3 @ 430nm. Custom Thicknesses up to
5 micron

REFLECTIVITY: >85%

PHOTORESIST: 5300Å AZ 1500 filtered to 0.045
microns at point of use. Fringless and Regular Spin
Available. Custom Photoresist options include all
widely used positive and negative optical and E-beam
resist available. Including: AZ MIR701, AZ P4600, AZ
5206, AZ 9260, AZ nLOF 2000, AZ 6615, AZ ECI302,
S1800, HR200, IP3500, IP3600, PMMA, AR N7700,
LOR A, LOR B, PMGI
