

Apertures on Chrome/Aluminum/Gold Coated Glass First Surface Mirrors

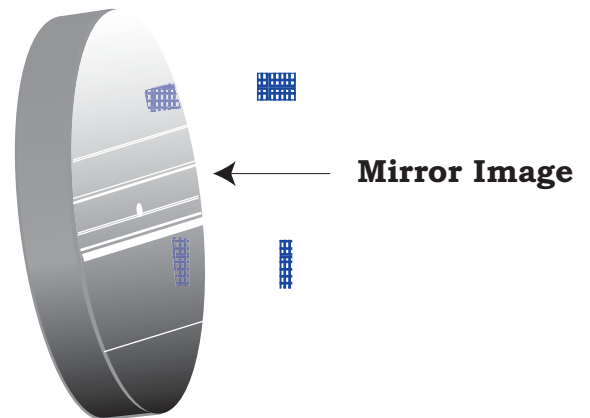
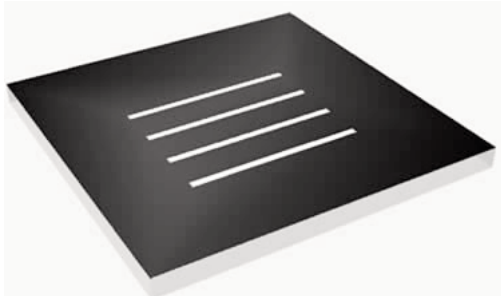
Custom Only

LOW SETUP COSTS compared to conventional reticle artwork

Darkfield only

Patterns: small holes preferably less than 100 μ m and narrow slits, preferably less than 50 μ m wide, any length

Substrate: Edmund Optics Tech Spec™ or Commercial Quality, or other suitable first surface mirror, per customer choice



Clear Patterns, Reticles, Apertures on high power dielectric laser reflector coatings

For applications requiring transparency and/or power resistance greater than achievable with opaque (metallic, etc.) surfaces this process creates patterns on dichroic reflectors with selective transparency.

Wavelength:	Per standard high power dielectric coating, visible and near visible
Reflectivity:	20% to 98%, based on requirement
Incidence:	0° - 90°, per specification
Power resistance:	2 - 8 Megawatts/mm ² , pulsed
Pattern definition:	< 1 μ m (semiconductor pattern quality)
Material:	Glass, fused silica, etc.
Dimensions:	Up to 6 inch (1.524mm) thickness, 0.04 inch (1.016mm) - 0.09 inch (2.286mm)
Pattern generation:	Per customer or National Aperture, Inc. via AutoCad™
Pricing:	Quote

