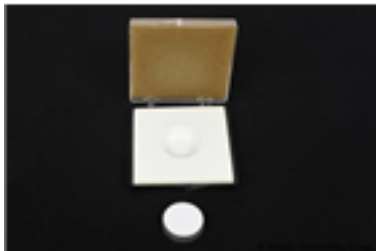


New Focus 5103

## Borofloat General Purpose Silver Mirror



**In Stock**

**Used and in Excellent Condition**

**Open Web Page**

<https://www.artisanng.com/78231-1>

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## Silver Mirror, General Purpose, Borofloat, 25.4 mm, 450 - 12,000 nm

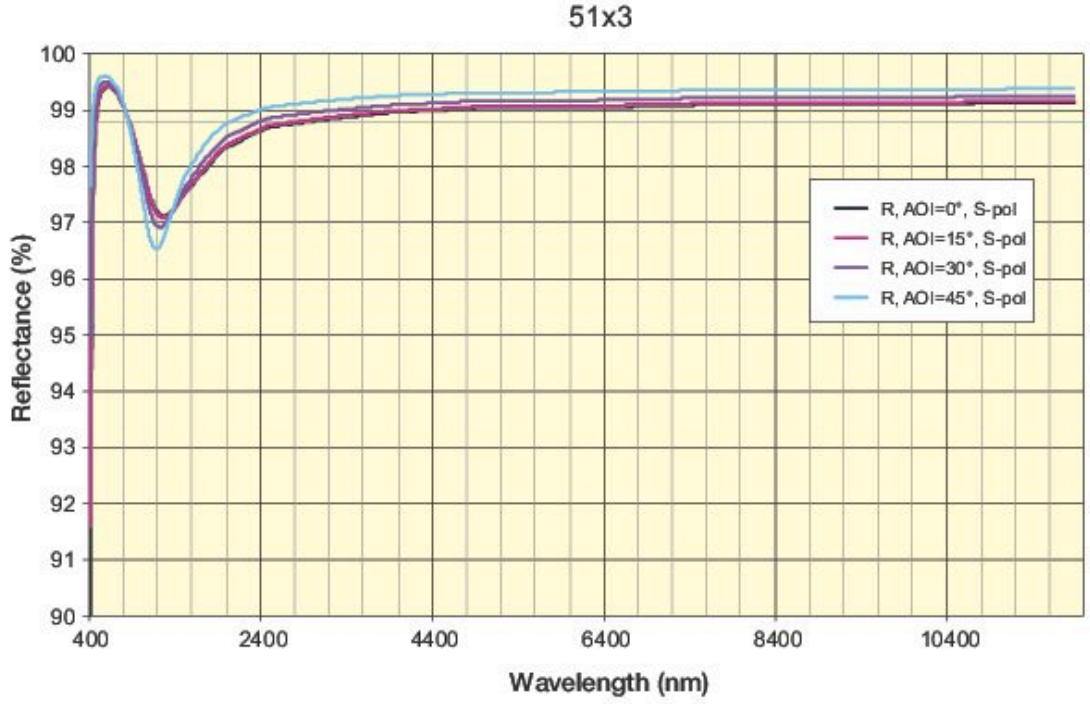
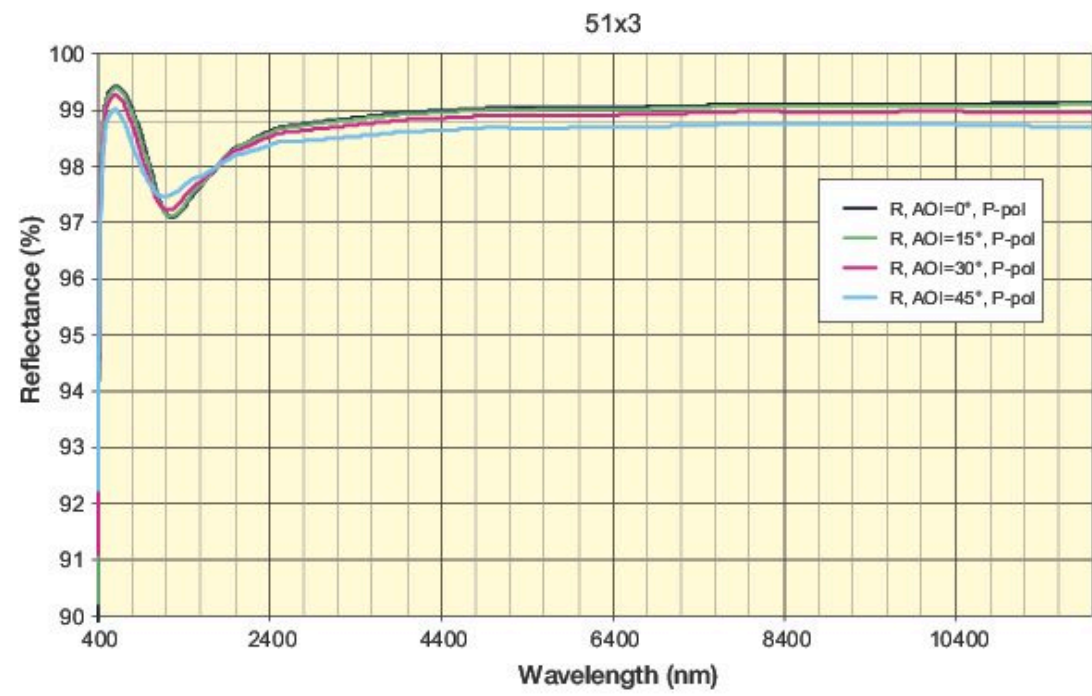


The 5103 General Purpose Silver Coated Mirror can be used over a broad spectral range with better than 95% reflectivity from 450 nm to beyond 12  $\mu\text{m}$ . It's proprietary silver-based coating makes this 25.4 mm (1.0 inch) diameter mirror highly reflective from 0° to 45° and virtually insensitive to polarization. Protective dielectric coatings make it resistant to tarnish and oxidation. Plus it has minimal phase distortion, so it is useful for ultrafast-pulsed applications with Ti:Sapphire and other lasers.

^ SHOW LESS

### — Specifications

Wavelength Region	Broadband	Surface Quality	25-10 scratch-dig
Wavelength Range	450-12000 nm	Surface Flatness	$\lambda/10$ at 632.8 nm
Mirror Shape	Round	Clear Aperture	$\geq$ central 80% of diameter
Diameter	25.4 mm	Reflectivity	$R_{\text{avg}} > 95\%$ @ 450-1200 nm
Mirror Size	Ø25.4 mm	Damage Threshold	1 J/cm <sup>2</sup> @ 532 nm, 10 ns, 20 Hz
Thickness	8.0 mm	Diameter Tolerance	+0/-0.25 mm
Material	Borofloat® 33		



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