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TECHNOLOGY GROUP

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with experienced engineers and technicians on staff.

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so your equipment works exactly as you specify.

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Expert team | Trust guarantee | 100% satisfaction

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



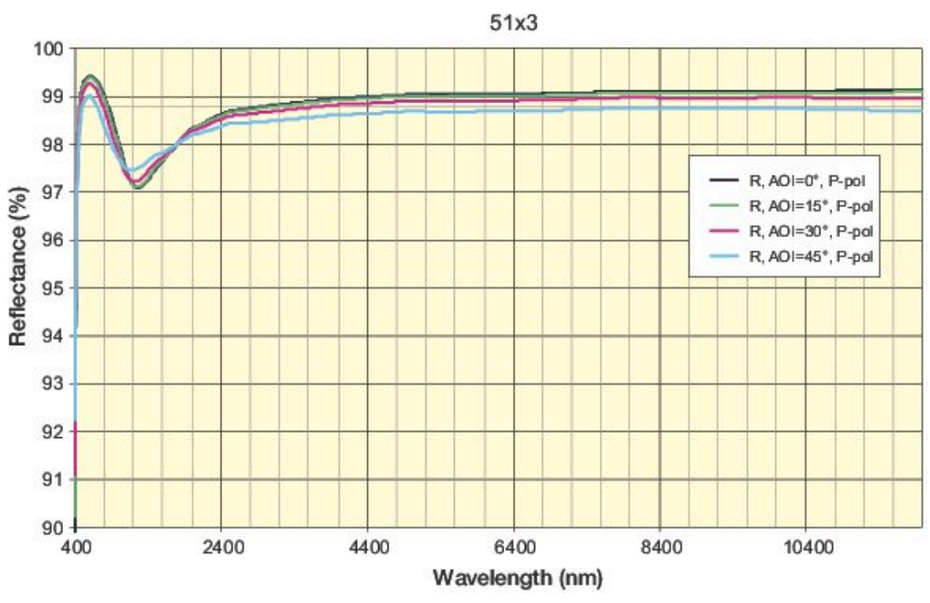
The 5103 General Purpose Silver Coated Mirror can be used over a broad spectral range with better than 95% reflectivity from 450 nm to beyond 12 µm. It's proprietary silver-based coating makes this 25.4 mm (1.0 inch) diameter mirror highly reflective from 0° to 45° and virtually insensitive to polarization. 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.

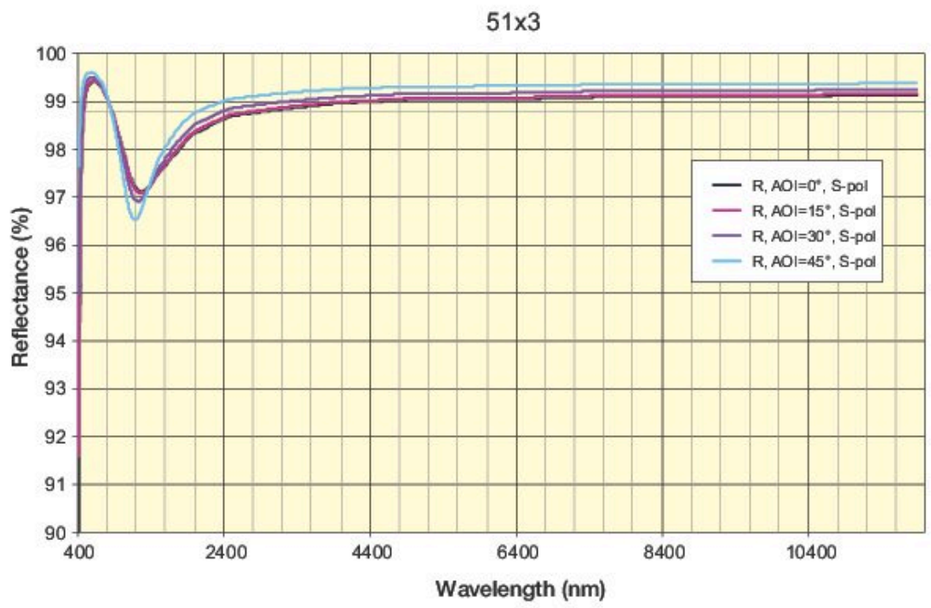
SHOW LESS

Specifications

Wavelength Region	Broadband
Wavelength Range	450-12000 nm
Mirror Shape	Round
Diameter	25.4 mm
Mirror Size	Ø25.4 mm
Thickness	8.0 mm
Material	Borofloat® 33

Surface Quality	25-10 scratch-dig
Surface Flatness	λ/10 at 632.8 nm
Clear Aperture	≥central 80% of diameter
Reflectivity	R_{avg}>95% @ 450-1200 nm
Damage Threshold	1 J/cm^2 @ 532 nm, 10 ns, 20 Hz
Diameter Tolerance	+0/-0.25 mm





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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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We're here to make your life easier. How can we help you today?

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