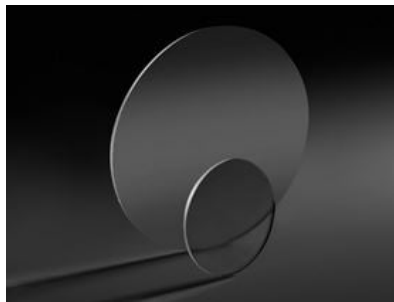


[All Products](#) / [Optics](#) / [Polarization Optics](#) / [Linear Polarizers](#) / [Wire Grid \(Reflective\) Polarizers](#)

## UV Wire Grid Linear Polarizers



- High Transmission from 240 - 400nm
- Uniform Brightness and Contrast
- Ideal for UV or Deep UV Applications
- [Visible](#) and [Infrared \(IR\) Wire Grid Polarizers](#) Also Available



Common Specifications

General

Note:	When the Reference Mark is oriented to the 3 or 9 o'clock position, the transmission axis runs left to right.
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Physical & Mechanical Properties

Thickness (mm):	1.00	
Thickness Tolerance (mm):	±0.10	Construction: Wire Grid
Alignment Tolerance (°):	±1.0	

Optical Properties

Angle of Incidence (°):	0 ±20	
Coating:	Uncoated	Extinction Ratio: 4:1 @ 240nm 15:1 @ 254nm 20:1 @ 260nm 90:1 @ 300nm 200:1 @ 340nm 1600:1 @ 400nm
Substrate:	<a href="#">Fused Silica</a> (Corning 7980)	Surface Quality: 60-40
Transmission (%):	40% @ 240nm 65% @ 254nm 67% @ 260nm 75% @ 300nm 80% @ 340nm 82% @ 400nm	Wavelength Range (nm): 240 - 400

Threading & Mounting

Mount:	Unmounted
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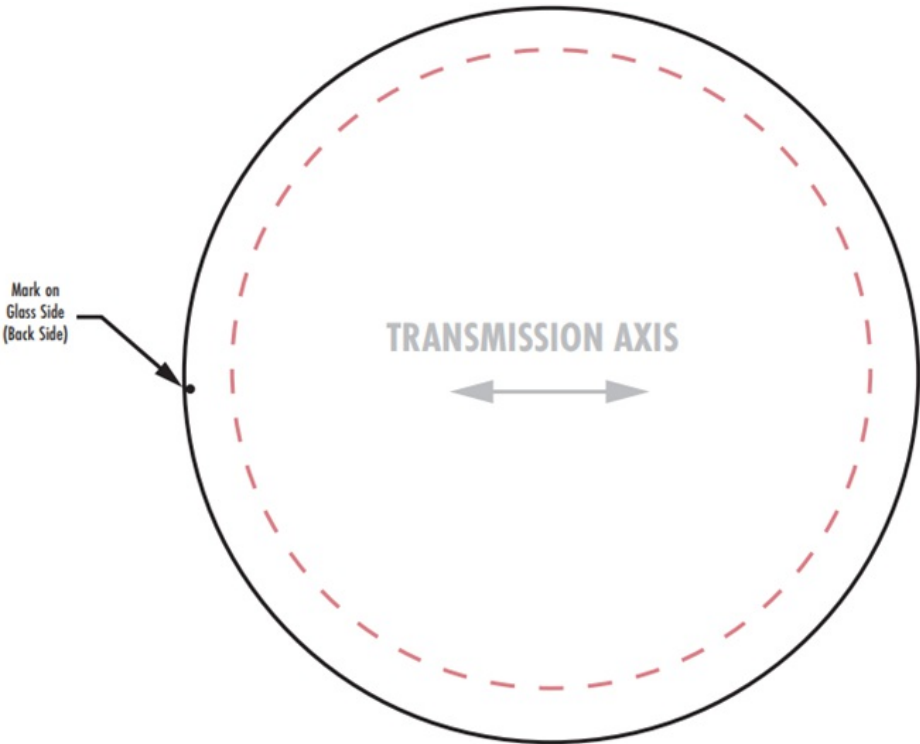
Material Properties

Thermal Expansion:	5.5 x 10 <sup>-7</sup> /°C
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Environmental & Durability Factors

Operating Temperature (°C):	+150 (Maximum)
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Technical Information



# Products

Mount	Alignment Tolerance (°)	Operating Temperature (°C)	Substrate	Thickness (mm)	CA (mm)	Stock Number	Price	Buy
Unmounted	±1.0	+150 (Maximum)	<a href="#">Fused Silica</a>	1.00	10.00	<a href="#">#17-153</a>	₹1,00,816	Contact Us
Unmounted	±1.0	+150 (Maximum)	<a href="#">Fused Silica</a>	1.00	21.00	<a href="#">#17-154</a>	₹1,30,399	10 to 12 days
Unmounted	±1.0	+150 (Maximum)	<a href="#">Fused Silica</a>	1.00	47.00	<a href="#">#17-155</a>	₹2,32,382	10 to 12 days



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