

**TECHSPEC® 5mm Dia., 1mm Thick, Uncoated, λ/4 Fused Silica Window**



TECHSPEC® λ/4 UV Fused Silica Windows

Stock **#14-955** 3-4 DAYS

⊖ 1 ⊕ **€87,50**

ADD TO CART

Qty 1-5

€87,50

Qty 6+

€70,00

Volume Pricing

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⚠ Prices shown are exclusive of VAT/local taxes

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**Abbe Number (v<sub>d</sub>):**  
67.8

**Bevel:**  
Protective as needed

**Clear Aperture (%):**  
90

|                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Clear Aperture CA (mm):<br/>4.50</div>                                                                                                   |
| <div>Diameter (mm):<br/>5.00 +0.00/-0.10</div>                                                                                                |
| <div>Thickness (mm):<br/>1.00 ±0.10</div>                                                                                                     |
| <div>Coating:<br/>Uncoated</div>                                                                                                              |
| <div>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):<br/>0.52 (+5 to +35°C)<br/>0.57 (0 to +200°C)<br/>0.48 (-100 to +200°C)</div> |
| <div>Density (g/cm³):<br/>2.20</div>                                                                                                          |
| <div>Edges:<br/>Fine Ground</div>                                                                                                             |
| <div>Index of Refraction n<sub>d</sub>:<br/>1.458</div>                                                                                       |
| <div>Knoop Hardness (kg/mm²):<br/>522</div>                                                                                                   |
| <div>Parallelism (arcmin):<br/>&lt;1</div>                                                                                                    |
| <div>Poisson's Ratio:<br/>0.16</div>                                                                                                          |
| <div>Substrate:<br/><a href="#">Fused Silica</a> (Corning 7980)</div>                                                                         |
| <div>Surface Quality:<br/>40-20</div>                                                                                                         |
| <div>Transmitted Wavefront, P-V:<br/>λ/4</div>                                                                                                |
| <div>Type:<br/>Protective Window</div>                                                                                                        |
| <div>Wavelength Range (nm):<br/>200 - 2200</div>                                                                                              |
| <div>Young's Modulus (GPa):<br/>73</div>                                                                                                      |

## Regulatory Compliance

|                                                                 |
|-----------------------------------------------------------------|
| <div>RoHS:<br/><a href="#">Compliant</a></div>                  |
| <div>Certificate of Conformance:<br/><a href="#">View</a></div> |