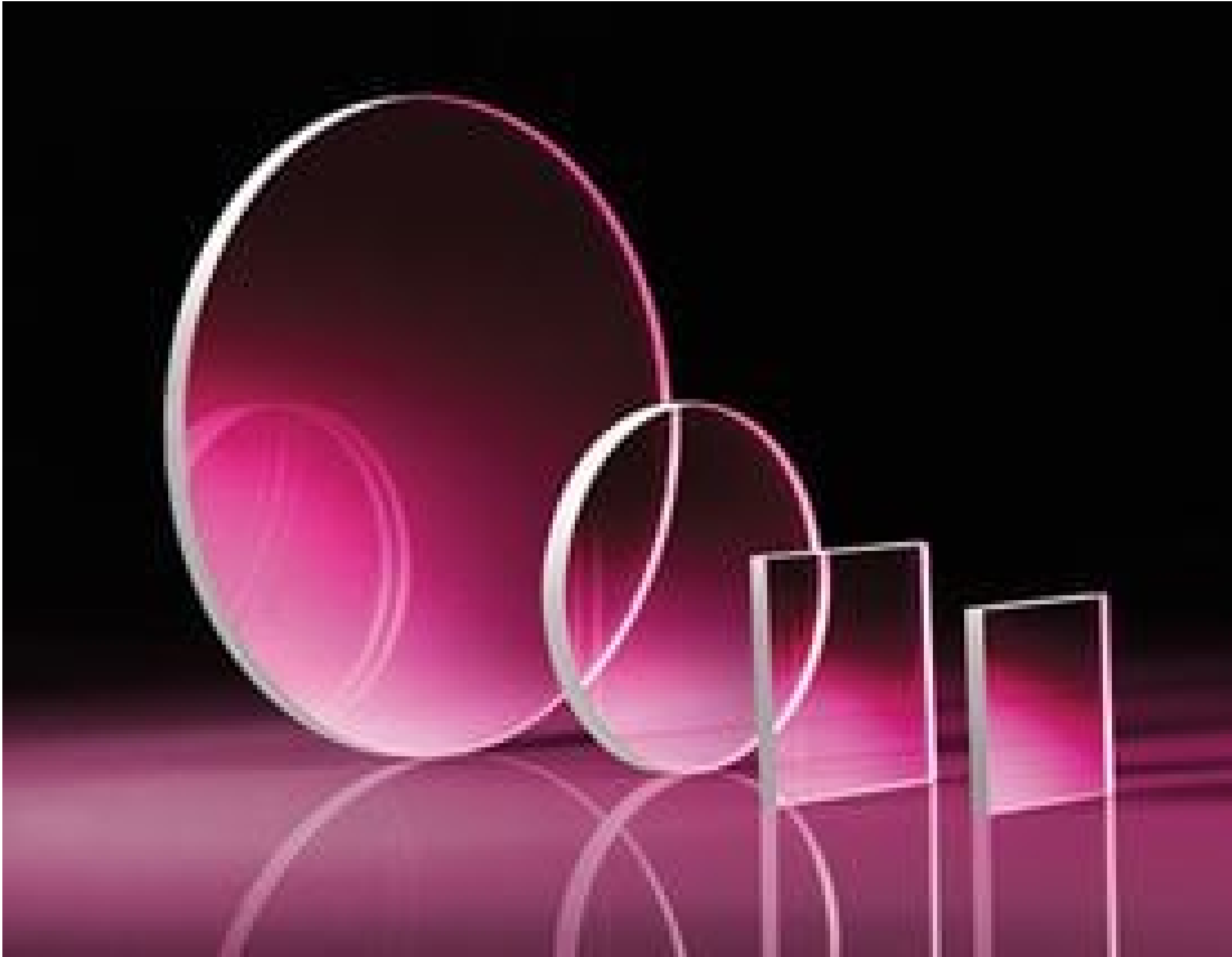


**TECHSPEC® 100mm Dia., 3mm Thick, MgF<sub>2</sub> Coated, B270 Window**

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Stock #17-179 3-4 DAYS

⊖ 1 ⊕ **€202,50**

ADD TO CART

Qty 1-5

€202,50

Qty 6+

€162,00

Volume Pricing

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Prices shown are exclusive of VAT/local taxes

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**Abbe Number (v<sub>d</sub>):**  
58.3

**Bevel:**  
Protective as needed

**Clear Aperture CA (mm):**  
90.00

|                                                                                                        |
|--------------------------------------------------------------------------------------------------------|
| <div>Diameter (mm):<br/>100.00 +0.00/-0.25</div>                                                       |
| <div>Thickness (mm):<br/>3.00 ±0.20</div>                                                              |
| <div>Coating:<br/>MgF<sub>2</sub> (632.8nm)</div>                                                      |
| <div>Coating Specification:<br/>R<sub>avg</sub> ≤1.50% @ 632.8nm (N-BK7)</div>                         |
| <div>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):<br/>9.4 (+20 to +300°C)</div>          |
| <div>Density (g/cm<sup>3</sup>):<br/>2.56</div>                                                        |
| <div>Edges:<br/>Fine Ground</div>                                                                      |
| <div>Index of Refraction n<sub>d</sub>:<br/>1.523</div>                                                |
| <div>Knoop Hardness (kg/mm<sup>2</sup>):<br/>500</div>                                                 |
| <div>Poisson's Ratio:<br/>0.22</div>                                                                   |
| <div>Substrate:<br/><a href="#">B270</a></div>                                                         |
| <div>Surface Flatness (P-V):<br/>1λ (per 25.4mm Dia. within CA)</div>                                  |
| <div>Surface Quality:<br/>60-40</div>                                                                  |
| <div>Type:<br/>Protective Window</div>                                                                 |
| <div>Wavelength Range (nm):<br/>400 - 700</div>                                                        |
| <div>Young's Modulus (GPa):<br/>71.5</div>                                                             |
| <div>Damage Threshold, By Design: <input type="checkbox"/><br/>10 J/cm<sup>2</sup> @ 532nm, 10ns</div> |

## Regulatory Compliance

|                                                                 |
|-----------------------------------------------------------------|
| <div>RoHS 2015:<br/><a href="#">Compliant</a></div>             |
| <div>Certificate of Conformance:<br/><a href="#">View</a></div> |
| <div>Reach 235:<br/><a href="#">Compliant</a></div>             |