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10 x 10mm, 0.21mm Thick, Chemically Strengthened SCHOTT AS 87 eco Ultra-Thin Window

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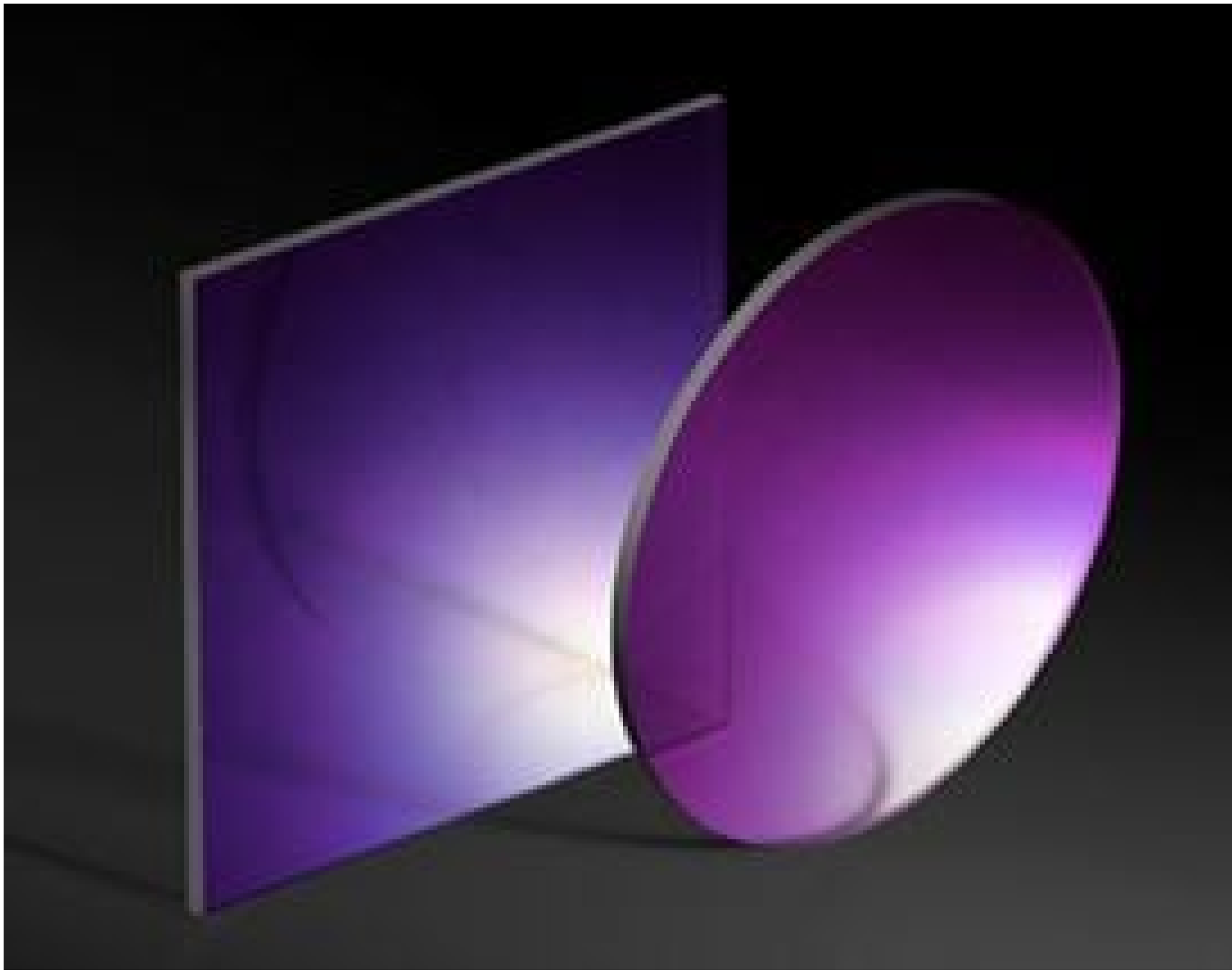

Stock **#22-240** **11 In Stock**

- 1 + **€36**.00

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Volume Pricing	
Qty 1-10	**€36,00** each
Qty 11-49	**€29,00** each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Protective Window

Physical & Mechanical Properties

Clear Aperture CA (mm):

9.00 x 9.00

Dimensions (mm):
10.00 x 10.00 ±0.127

Thickness (mm):
0.21 ±0.02

Length (mm):
10.00

Width (mm):
10.00

Bevel:
Protective as needed

Clear Aperture (%):
90

Poisson's Ratio:
0.22

Young's Modulus (GPa):
73.3

Knoop Hardness (kg/mm^2):
560.00

Optical Properties

Coating:
Uncoated

Substrate:
AS 87 ECO

Index of Refraction (n_d):
1.504

Surface Quality:
80-50

Abbe Number (v_d):
59.5

Wavelength Range (nm):
200 - 3200

Material Properties

Density (g/cm^3):
2.46

Coefficient of Thermal Expansion CTE (10^{-6}/°C):
8.7

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 247:
Compliant

Product Details

- Enhanced Impact, Temperature, and Scratch Resistance
- High Transmission in the Visible and NIR Spectra
- Ideal as Cover Glass for Displays and Sensors
- **SCHOTT AS 87 eco Ultra-Thin Windows** Also Available

Chemically Strengthened SCHOTT AS 87 eco Ultra-Thin Windows feature enhanced mechanical properties, including impact, temperature, and scratch resistance. The ultra-thin substrates allow these windows to be used in low profile designs, enabling lighter, more compact optical systems. High transmission across the visible and NIR spectra coupled with excellent surface quality enables these windows to protect a range of sensors and display technologies on the market. Chemically Strengthened SCHOTT AS 87 eco Ultra-Thin Windows are ideal for use as cover glass where frequent surface contact or handling is expected, including displays, fingerprint sensors, and touch panels.

Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our **custom manufacturing capabilities** or submit an inquiry **here.**

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