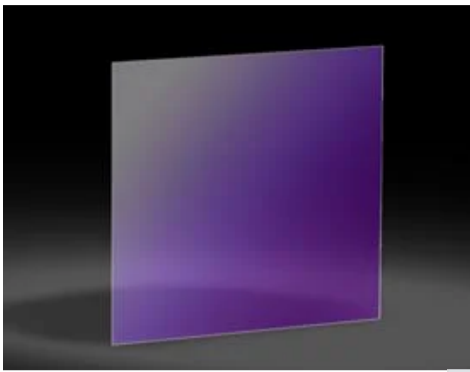


# 25 x 25mm, 0.7mm Thick, EAGLE XG® Window



Stock #18-295 **16 In Stock**

1

MRP ₹2,876

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹2,876 each
Qty 6-25	₹2,321 each
Qty 26-99	₹2,119 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

## General

<b>Type:</b> Protective Window	<b>Type of Window:</b> Glass
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## Physical & Mechanical Properties

<b>Clear Aperture CA (mm):</b> 22.50 x 22.50	<b>Dimensions (mm):</b> 25.00 x 25.00 ±0.25
<b>Thickness (mm):</b> 0.70 ±0.07	<b>Length (mm):</b> 25.00
<b>Width (mm):</b> 25.00	<b>Bevel:</b> Protective as needed
<b>Clear Aperture (%):</b> 90	<b>Edges:</b> Cut and Seamed
<b>Poisson's Ratio:</b> 0.23	<b>Young's Modulus (GPa):</b> 73.6

## Optical Properties

<b>Coating:</b> Uncoated	<b>Substrate:</b> <b>EAGLE XG®</b>
<b>Index of Refraction (n<sub>d</sub>):</b> 1.51	<b>Surface Quality:</b> 80-50
<b>Wavelength Range (nm):</b> 350 - 2000	

## Material Properties

<b>Density (g/cm<sup>3</sup>):</b> 2.38	<b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b> 3.17 (0 to +300°C)
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## Regulatory Compliance

RoHS 2015:	<b>Compliant</b>	Certificate of Conformance:	<b>View</b>
Reach 247:	<b>Compliant</b>		
Country of Origin:	United States	Imported By:	Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91-80-6845 0000

## Need different specs or modifications?

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](#).

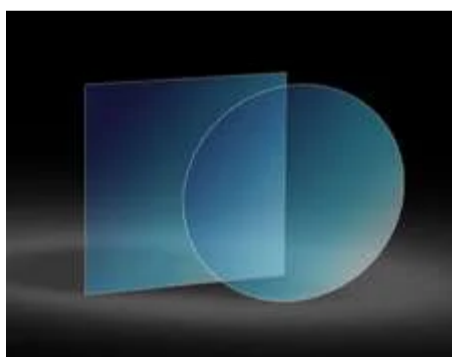
## Product Details

- Thin 0.7mm EAGLE XG® Substrates
- High Chemical Resistance and Excellent Durability
- Low Density for Weight Sensitive Applications

EAGLE XG® Windows are constructed from heavy-metal free glass through a fusion drawn process, providing these windows with exceptionally smooth, flat surfaces. These windows have high transmission in the visible spectrum, excellent environmental durability, and high chemical resistance. The low density of Corning® EAGLE XG® coupled with the thinness of these windows makes them ideal for weight and space sensitive applications. EAGLE XG® Windows are used as substrates for mobile device LCDs, substrates for polarizers, wafers for semiconductor applications, or protective windows for electronic displays.

## Technical Information

### Related Products



SCHOTT D263® T eco Windows



SCHOTT AS 87 ECO Ultra-Thin Windows



ISO 5 (Class 100) Anti-Static Fingercots

## Quote Your Size

PLEASE ENTER YOUR  
REQUIRED SPECIFICATIONS

HERE:

Type

Window/Diffuser

Substrate

Thickness (mm)

Shape ⓘ

Diameter (mm) ⓘ

0

Length (mm) ⓘ

0

Width (mm) ⓘ

0

Quantity ⓘ

0

**GET PRICING**

TYPICAL 4-6 WEEK DELIVERY. DELIVERY DATE TO BE CONFIRMED AT TIME OF ORDER.

OTHER SUBSTRATES, DIMENSIONS AND THICKNESSES OUTSIDE OF THOSE SHOWN HERE ARE ALSO AVAILABLE. IF YOU ARE INTERESTED IN A PRODUCT OUTSIDE OF THE SPECIFICATIONS SHOWN IN THIS TABLE, PLEASE [CONTACT US](#) TO DISCUSS MANUFACTURING FEASIBILITY.

## Frequently Purchased Together



#34-308 - 90° 532nm Crystalline Quartz Polarization Rotator  
₹55,995

Qty



#34-474 - 25 x 25mm White Diffusing Glass  
₹3,632

Qty



#45-654 - 25mm x 25mm 220 Grit Ground Glass Diffuser  
₹2,421

Qty



#46-167 - 25 x 25mm Opal Diffusing Glass  
₹12,007

Qty



## Resources

### Media Type

- Application Note
- Technical Tool
- Video
- Glossary
- FAQ

APPLICATION NOTE

Anti-Reflection (AR) Coatings

APPLICATION NOTE

An Introduction to Optical Coatings

TECHNICAL TOOL

Beam Displacement Calculator

APPLICATION NOTE

Understanding  
Optical  
Windows

VIDEO

Optical  
Windows  
Review

APPLICATION NOTE

Optical Glass

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