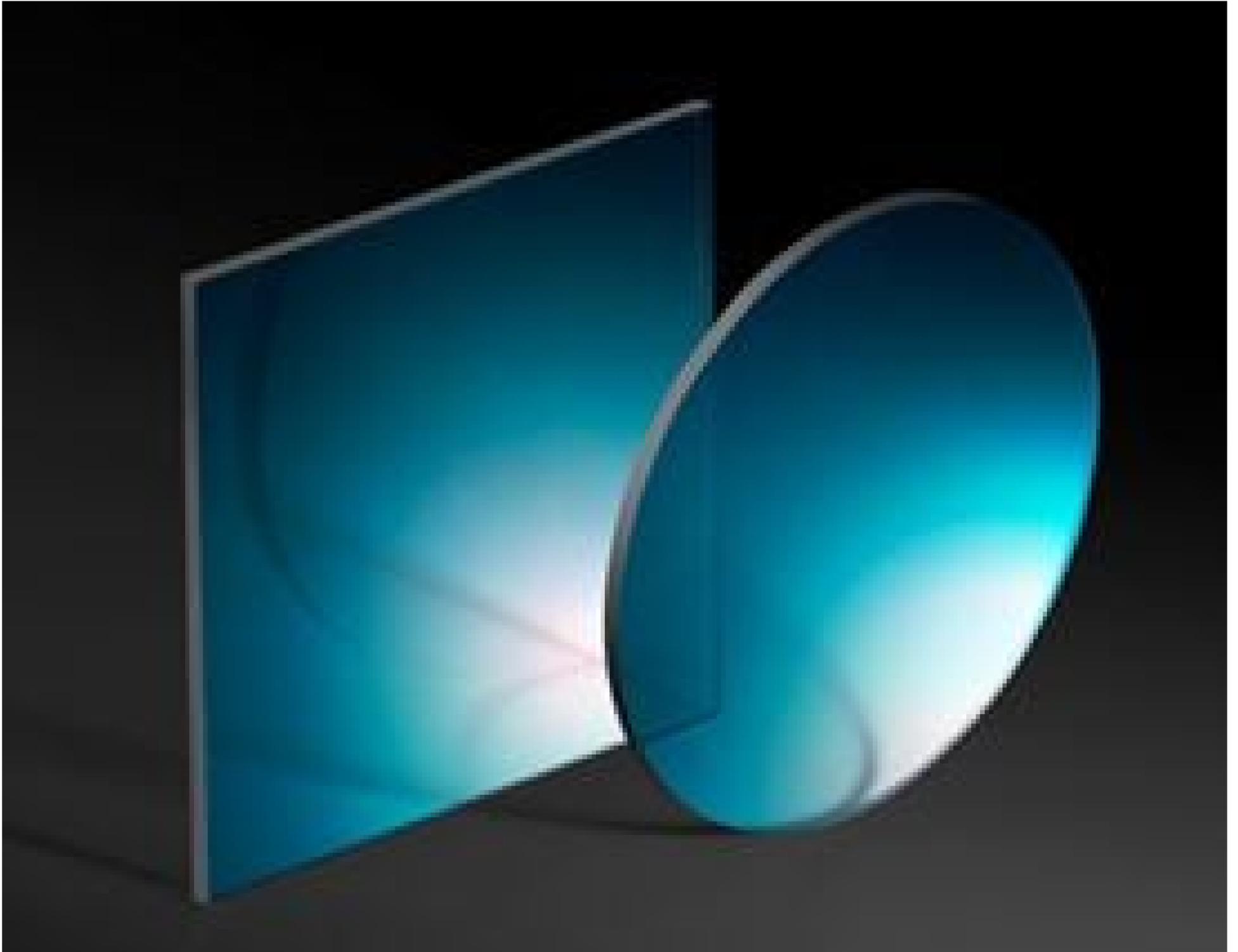


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## 2" Diameter, Uncoated Plastic Polycarbonate Window



Stock #19-628 **20+ In Stock**

⊖ 1 ⊕ ₹2,054

**ADD TO CART**

### Volume Pricing

Qty 1-5	₹2,054 each
Qty 6-24	₹1,632 each
Qty 25-49	₹1,540 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

#### General

Protective Window **Type:**

#### Physical & Mechanical Properties

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

2 **Diameter (inches):**

Diameter (mm):  
50.80 ±0.254

Thickness (inches):  
0.06

Thickness (mm):  
1.52 ±0.1

Bevel:  
Protective as needed

Edges:  
Smooth, Machined

## Optical Properties

Coating:  
Uncoated

Substrate:   
Polycarbonate

Index of Refraction ( $n_d$ ):  
1.585

Abbe Number ( $v_d$ ):  
34

Wavelength Range (nm):  
425 - 1600

## Material Properties

Coefficient of Thermal Expansion CTE ( $10^{-6}/^{\circ}\text{C}$ ):  
68

## Regulatory Compliance

Certificate of Conformance:  
[View](#)

Country of Origin:  
United States

Imported By:  
Edmund Optics India Private Limited

## Product Details

- High Visible Light Transmission
- Excellent Thermal Stability
- Durable and Lightweight
- [Acrylic \(PMMA\) Plastic Windows](#) Also Available

Polycarbonate Plastic Windows are a lightweight alternative to glass windows. Combining durability and high transmission, these windows are an ideal cost-effective solution for harsh environments and displays. Compared to PMMA acrylic windows, polycarbonate windows are more impact resistant and stronger but are more susceptible to scratches. Polycarbonate Plastic Windows feature lower water absorption and a higher softening temperature than PMMA, but their higher index of refraction leads to higher Fresnel reflections without AR coatings. Their strength and stability make these windows ideal for use in medical and industrial applications.

## Technical Information

