

10" x 12", Uncoated Plastic Polycarbonate Window



Stock **#71-539** 20+ In Stock

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1

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C\$166^{.60}

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Volume Pricing	
Qty 1-5	C\$166.60 each
Qty 6-25	C\$133.00 each
Qty 26-49	C\$124.60 each
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Product Downloads

General	
Protective Window	Type:
Physical & Mechanical Properties	
Protective as needed	Bevel:
228.60 x 274.32	Clear Aperture CA (mm):

254.00 x 304.80 ±2.54	Dimensions (mm):
10.00 x 12.00 ±0.010	Dimensions (inches):

1.52 ±0.08	Thickness (mm):
0.060 ±0.003	Thickness (inches):

Smooth, Machined	Edges:
10.00	Length (mm):

12.00	Width (mm):
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Optical Properties

34	Abbe Number (v _d):
Uncoated	Coating:

1.585	Index of Refraction (n _d):
Polycarbonate	Substrate:

425 - 1600	Wavelength Range (nm):
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Material Properties

68	Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):
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Regulatory Compliance

View	Certificate of Conformance:
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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

