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10" x 12", Uncoated Plastic Acrylic Window



Stock #71-544 **20+ In Stock**

1 £95⁰⁰

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Volume Pricing	
Qty 1-5	£95.20 each
Qty 6-25	£76.00 each
Qty 26-49	£71.20 each
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Protective Window **Type:**

Physical & Mechanical Properties

228.60 x 274.32 **Clear Aperture CA (mm):**

10.00 x 12.00 ±0.010 **Dimensions (inches):**

254.00 x 304.80 ±2.54	Dimensions (mm):
0.060 ±0.003	Thickness (inches):
1.52 ±0.08	Thickness (mm):
10.00	Length (mm):
12.00	Width (mm):
Protective as needed	Bevel:
Smooth, Machined	Edges:

Optical Properties

Uncoated	Coating:
PMMA	Substrate: <input type="checkbox"/>
1.49	Index of Refraction (n_d):
58	Abbe Number (v_d):
400 - 1600	Wavelength Range (nm):

Material Properties

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

View	Certificate of Conformance:
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Product Details

- Highly Scratch-Resistant
- High Visible Light Transmission
- Cost-Effective Alternative to Glass
- [Polycarbonate Plastic Windows](#) Also Available

Acrylic (PMMA) Plastic Windows are ideal for integration into lightweight optical systems. Compared to polycarbonate windows, acrylic windows are more scratch resistant and can be polished to restore optical quality but are more likely to chip or shatter. Acrylic (PMMA) Plastic Windows also provide a higher UV light transmission than polycarbonate and are recyclable. Acrylic windows are used in a wide variety of industrial and medical applications including aircraft windows, automobile headlights, and ophthalmological devices.

Technical Information

