

**TECHSPEC® 5mm Dia., 1.10mm Thick, MgF2 Coated, Gorilla Glass® Window**



Gorilla® Glass Windows



Stock #22-848 **6 In Stock**

⊖ 1 ⊕ €54.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€54,00 each
Qty 6-25	€42,00 each
Qty 26-49	€39,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

**Chemical Strengthening Cycle (hours):**

8

**Type:**

Protective Window

## Physical & Mechanical Properties

Protective as needed **Bevel:**

90.00 **Clear Aperture (%):**

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

5.00 ±0.13 **Diameter (mm):**

1.10 (nominal) **Thickness (mm):**

Fine Ground **Edges:**

0.22 **Poisson's Ratio:**

70 **Young's Modulus (GPa):**

## Optical Properties

MgF<sub>2</sub> (400-700nm) **Coating:**

R<sub>avg</sub> ≤1.75% @ 400 - 700nm **Coating Specification:**

1.5 **Index of Refraction (n<sub>d</sub>):**

Gorilla® Glass **Substrate:**

80-50 **Surface Quality:**

400 - 700 **Wavelength Range (nm):**

## Material Properties

7.58 (0 to +300°C) **Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):**

2.39 **Density (g/cm<sup>3</sup>):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 235:**

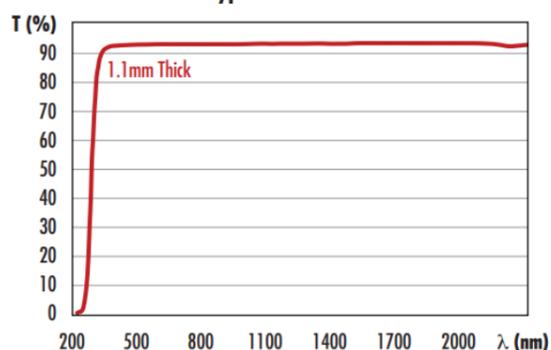
## Product Details

- Chemically Strengthened Drawn Glass
- Highly Resistance to Surface Scratches
- Ideal for Electronic Displays

Gorilla® Glass Windows are chemically strengthened to reduce the propagation of surface flaws. These thin windows feature superior surface quality and excellent scratch resistance. With greater than 90% transmission from 350 - 600nm, these windows are excellent protective covers for electronic displays in consumer and industrial applications. Gorilla® Glass Windows are widely used as protective cover glass for high-end display devices such as laptops, televisions and mobile phones. Due to their durable construction, they are ideal for even the most demanding applications.

## Technical Information

**Gorilla® Glass 3  
Typical Transmission**



## Coating Curves

### 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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### Compatible Mounts

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