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**TECHSPEC® 50mm Dia., 1.1mm Thick, MgF2 Coated, Gorilla Glass® Window**



Gorilla® Glass Windows



Stock #22-855 **15 In Stock**

- 1 + MRP ₹7,718

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing

Qty 1-5	₹7,718 each
Qty 6-25	₹5,953 each
Qty 26-49	₹5,650 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Protective Window **Type:**

**Chemical Strengthening Cycle (hours):**  
8

Glass

Type of Window:

## Physical & Mechanical Properties

45.00 Clear Aperture CA (mm):

50.00 ±0.13 Diameter (mm):

1.10 (nominal) Thickness (mm):

Protective as needed Bevel:

90.00 Clear Aperture (%):

Fine Ground Edges:

0.22 Poisson's Ratio:

70 Young's Modulus (GPa):

## Optical Properties

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

Gorilla® Glass Substrate:

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

80-50 Surface Quality:

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

400 - 700 Wavelength Range (nm):

## Material Properties

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

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

## Regulatory Compliance

Compliant RoHS 2015:

View Certificate of Conformance:

Compliant Reach 235:

United States Country of Origin:

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](#).

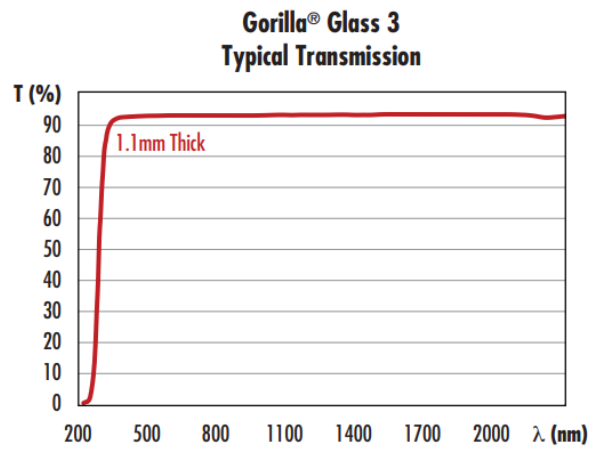
## Product Details

- 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



**Coating Curves**

**Quote Your Size**

**Compatible Mounts**