

50 x 50mm 220 Grit Ground Glass Diffuser



Stock #45-655 **13 In Stock**

- 1 + C\$39.⁹⁰

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Volume Pricing	
Qty 1-10	C\$39.90 each
Qty 11+	C\$34.65 each
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General

Ground Glass Diffuser **Type:**

Sandblasted on first surface **Note:**

Physical & Mechanical Properties

±0.76 **Dimensional Tolerance (mm):**

50.00 x 50.00 **Dimensions (mm):**

Seamed	Edges:
220	Grit: <input type="checkbox"/>
1.60	Thickness (mm):
50.00	Width (mm):
50.00	Length (mm):

Optical Properties

Uncoated	Coating:
Float Glass	Substrate: <input type="checkbox"/>
350 - 2000	Wavelength Range (nm):

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

Product Details

- Available in Sizes Ranging from 5mm Diameter to 250mm Square
- Low Scatter Loss
- Evenly Ground Surface for Even Diffusion
- [Fused Silica Substrates](#) Available

Ground Glass Diffusers are comprised of high tolerance, quality ground glass making them ideal for a variety of industrial applications. The float glass substrate has excellent visible transmission and is ideal for general diffusing applications. A 120-grit, 220-grit or 600-grit (as noted) sandblast is used to create a diffuse surface on the glass. Ground Glass Diffusers have even diffusion across the entire surface from undergoing two orthogonal passes during this sandblast process. The scattering is a compromise of low scatter loss and medium diffusion. Typical applications include use in screens, illuminator diffusion, and targets.

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Technical Information



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Compatible Mounts