

50 x 50mm 120 Grit Ground Glass Diffuser



Stock #83-382 **20+ In Stock**

⊖ 1 ⊕ €28⁵⁰

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Volume Pricing

Qty 1-10	€28,50 each
Qty 11+	€24,75 each
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Ground Glass Diffuser **Type:**
Sandblasted on first surface **Note:**

Physical & Mechanical Properties

Dimensional Tolerance (mm):
±0.25

50.00 x 50.00	Dimensions (mm):
Cut	Edges:
120	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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