

50 x 50mm 600 Grit Ground Glass Diffuser



Stock **#38-789** **4 In Stock**

€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):
±0.76

| | |
|---------------|---------------------------------------|
| 50.00 x 50.00 | Dimensions (mm): |
| Seamed | Edges: |
| 600 | 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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