

## 12.5 x 12.5mm 120 Grit Ground Glass Diffuser



Stock **#83-084** **20+ In Stock**

⊖ 1 ⊕ €21<sup>50</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | €21,50 each                   |
| Qty 11+        | €18,25 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

|               |                                       |
|---------------|---------------------------------------|
| 12.50 x 12.50 | <b>Dimensions (mm):</b>               |
| Cut           | <b>Edges:</b>                         |
| 120           | <b>Grit:</b> <input type="checkbox"/> |
| 1.60          | <b>Thickness (mm):</b>                |
| 12.50         | <b>Width (mm):</b>                    |
| 12.50         | <b>Length (mm):</b>                   |

## Optical Properties

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

## Regulatory Compliance

|                           |                                    |
|---------------------------|------------------------------------|
| <a href="#">Compliant</a> | <b>RoHS 2015:</b>                  |
| <a href="#">View</a>      | <b>Certificate of Conformance:</b> |
| <a href="#">Compliant</a> | <b>Reach 247:</b>                  |

## 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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