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## 50mm Diameter 120 Grit Ground Glass Diffuser



Stock #83-420 **20+ In Stock**

⊖ 1 ⊕ €20<sup>25</sup>

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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

50.00 ±0.25 **Diameter (mm):**

Ground **Edges:**

120 **Grit:**

1.60 **Thickness (mm):**

## Optical Properties

Uncoated **Coating:**

Float Glass **Substrate:**

350 - 2000 **Wavelength Range (nm):**

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

**Reach 247:**  
[Compliant](#)

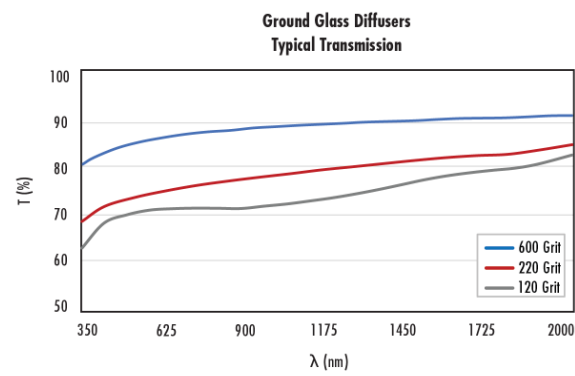
## Product Details

- 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**