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## 12.5mm Diameter UV Fused Silica Ground Glass Optical Diffuser



Stock #63-224 **20+ In Stock**

- 1 + €58<sup>00</sup>

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Volume Pricing	
Qty 1-10	€58,00 each
Qty 11-49	€45,75 each
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**i** Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

Ground Glass Diffuser **Type:**

### Physical & Mechanical Properties

12.50 ±0.25 **Diameter (mm):**

220 **Grit:**

1.60 Thickness (mm):

## Optical Properties

[Fused Silica](#) (Corning 7980) Substrate:

200 - 2200 Wavelength Range (nm):

## Regulatory Compliance

[Compliant](#) RoHS 2015:

[View](#) Certificate of Conformance:

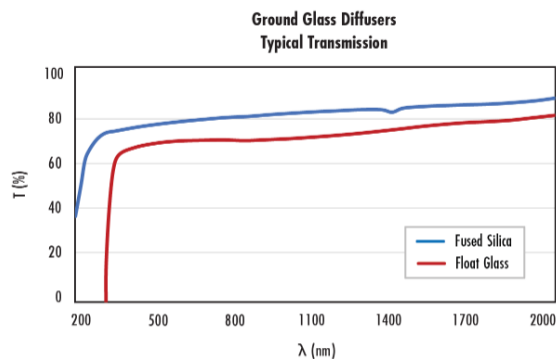
[Compliant](#) Reach 247:

## Product Details

- Even, Diffuse Surface
- Ideal for Applications Utilizing UV Wavelengths
- Low Scatter Loss
- [Float Glass Substrates](#) Also Available

UV Fused Silica Ground Glass Diffusers are comprised of high tolerance, quality ground glass, making them ideal for a variety of industrial applications. A 220-grit sandblast is used to create a diffuse surface on the UV fused silica substrate of these optical diffusers. Undergoing two orthogonal passes during this sandblast process yields an even diffusion across the surface. The scattering is a compromise of low scatter loss and medium diffusion. UV Fused Silica Ground Glass Diffusers are typically applied for use in screens, illuminator diffusion, and targets.

## Technical Information



## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Compatible Mounts