

25mm Diameter UV Fused Silica Ground Glass Optical Diffuser



Stock **#49-157** 20+ In Stock

-

1

+

€64<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | €64,00 each                   |
| Qty 11-49      | €51,00 each                   |
| Need More?     | <a href="#">Request Quote</a> |

!

 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Ground Glass Diffuser

Type:

Physical & Mechanical Properties

25.00 ±0.25

Diameter (mm):

220

Grit:

|                                             |                                     |
|---------------------------------------------|-------------------------------------|
| 1.60                                        | Thickness (mm):                     |
| Optical Properties                          |                                     |
| <a href="#">Fused Silica</a> (Corning 7980) | Substrate: <input type="checkbox"/> |
| 200 - 2200                                  | Wavelength Range (nm):              |

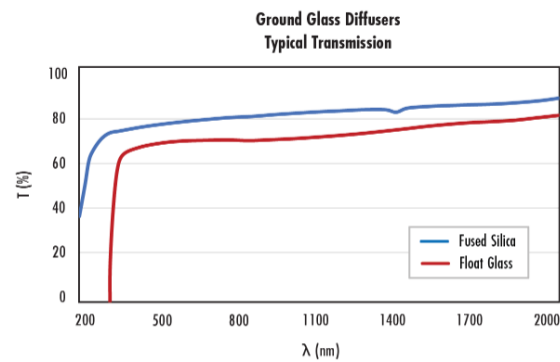
|                           |                             |
|---------------------------|-----------------------------|
| Regulatory Compliance     |                             |
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">View</a>      | Certificate of Conformance: |
| <a href="#">Compliant</a> | 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