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25 x 25mm UV Fused Silica Ground Glass Optical Diffuser



Stock #49-158 **17 In Stock**

- 1 + C\$89⁰⁰

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Volume Pricing	
Qty 1-10	C\$89.60 each
Qty 11-49	C\$71.40 each
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General

Ground Glass Diffuser **Type:**

Physical & Mechanical Properties

25.00 x 25.00 **Dimensions (mm):**

220 **Grit:**

1.60 **Thickness (mm):**

25.00 **Width (mm):**

25.00 **Length (mm):**

Optical Properties

Fused Silica (Coming 7980) **Substrate:**

200 - 2200 **Wavelength Range (nm):**

Regulatory Compliance

Compliant **RoHS 2015:**

View **Certificate of Conformance:**

Compliant **Reach 247:**

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

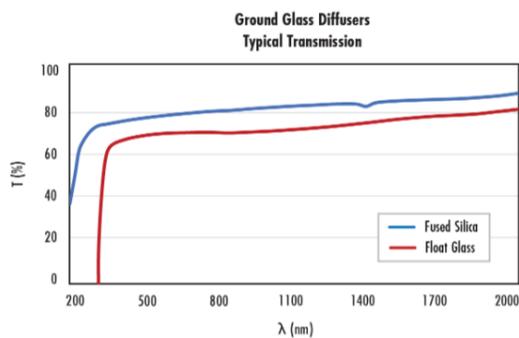
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

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



Compatible Mounts