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15mm Diameter UV Fused Silica Ground Glass Optical Diffuser

Stock **#49-156** **20+ In Stock**

- 1 + **A$96.80**

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Volume Pricing	
Qty 1-10	**A$96.80** each
Qty 11-49	**A$76.80** each
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General

Type:
Ground Glass Diffuser

Physical & Mechanical Properties

Diameter (mm):
15.00 ±0.25

Grit:
220

Thickness (mm):
1.60

Optical Properties

Substrate:

Fused Silica (Corning 7980)

Wavelength Range (nm):

200 - 2200

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

View

Reach 247:

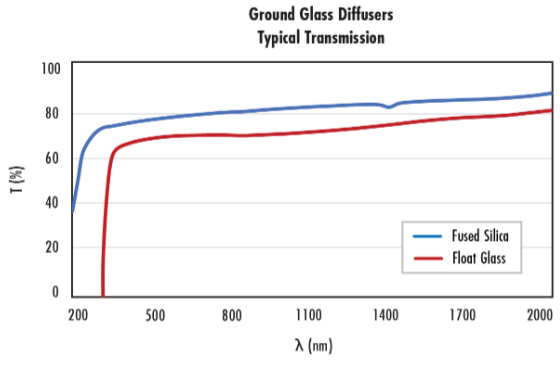
Compliant

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