

10mm Diameter UV Fused Silica Ground Glass Optical Diffuser



Stock #49-155 **20+ In Stock**

- 1 + \$79^{.16}

ADD TO CART

Volume Pricing	
Qty 1-10	\$79.16 each
Qty 11-49	\$62.73 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Ground Glass Diffuser **Type:**

Physical & Mechanical Properties

Diameter (mm):

10.00 ±0.25

Crit: □

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

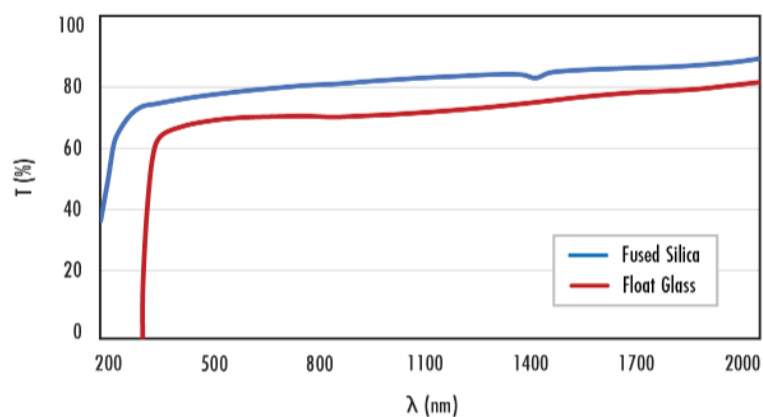
PRODUCT DETAILS

- 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

Ground Glass Diffusers
Typical Transmission



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