

[See all 44 Products in Family](#)

50 x 50mm 120 Grit Ground Glass Diffuser



Stock **#83-382** 20+ In Stock

-

1

+

C\$39^{.90}

ADD TO CART

Volume Pricing	
Qty 1-10	C\$39.90 each
Qty 11+	C\$34.65 each
Need More?	Request Quote

Product Downloads

General	
Ground Glass Diffuser	Type:
Sandblasted on first surface	Note:
Physical & Mechanical Properties	
±0.25	Dimensional Tolerance (mm):
50.00 x 50.00	Dimensions (mm):

	Edges:
Cut	
	Grit: ☐
120	

	Thickness (mm):
1.60	
	Width (mm):
50.00	

	Length (mm):
50.00	

Optical Properties

	Coating:
Uncoated	
	Substrate: ☐
Float Glass	

	Wavelength Range (nm):
350 - 2000	

Regulatory Compliance

	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	

	Reach 247:
Compliant	

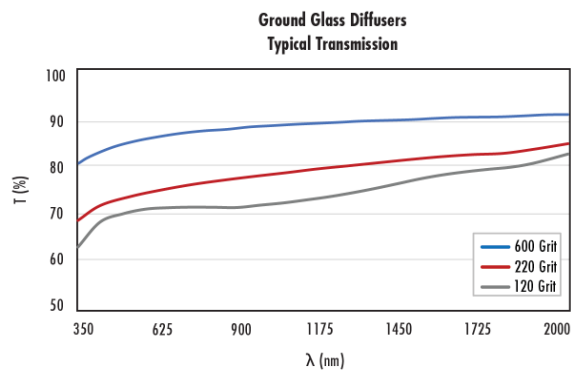
Product Details

- Available in Sizes Ranging from 5mm Diameter to 250mm Square
- Low Scatter Loss
- Evenly Ground Surface for Even Diffusion
- [Fused Silica Substrates](#) Available

Ground Glass Diffusers are comprised of high tolerance, quality ground glass making them ideal for a variety of industrial applications. The float glass substrate has excellent visible transmission and is ideal for general diffusing applications. A 120-grit, 220-grit or 600-grit (as noted) sandblast is used to create a diffuse surface on the glass. Ground Glass Diffusers have even diffusion across the entire surface from undergoing two orthogonal passes during this sandblast process. The scattering is a compromise of low scatter loss and medium diffusion. Typical applications include use in screens, illuminator diffusion, and targets.

Can't find what you need? Get a quick [custom quote](#).

Technical Information



Quote Your Size

Compatible Mounts