

50 x 50mm 220 Grit Ground Glass Diffuser



Stock **#45-655** 20+ In Stock

-

1

+

S\$39^{.90}

ADD TO CART

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

Product Downloads

General	
Ground Glass Diffuser	Type:
Sandblasted on first surface	Note:
Physical & Mechanical Properties	
±0.76	Dimensional Tolerance (mm):
50.00 x 50.00	Dimensions (mm):

Seamed	Edges:
220	Grit: ☐

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

50.00	Length (mm):
-------	--------------

Optical Properties

Uncoated	Coating:
Float Glass	Substrate: ☐

350 - 2000	Wavelength Range (nm):
------------	------------------------

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:

Compliant	Reach 247:
-----------	------------

Product Details

• Available in Sizes Ranging from 5mm Diameter to 250mm Square

• Low Scatter Loss

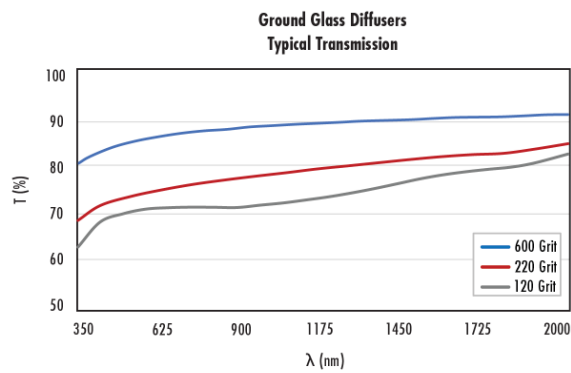
• Evenly Ground Surface for Even Diffusion

• [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