

50mm Diameter 120 Grit Ground Glass Diffuser



Stock **#83-420** 20+ In Stock

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1

+

A\$32^{.40}

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Volume Pricing	
Qty 1-10	A\$32.40 each
Qty 11+	A\$29.20 each
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General	
Ground Glass Diffuser	Type:
Sandblasted on first surface	Note:
Physical & Mechanical Properties	
50.00 ±0.25	Diameter (mm):
Ground	Edges:

120	Grit:
1.60	Thickness (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:

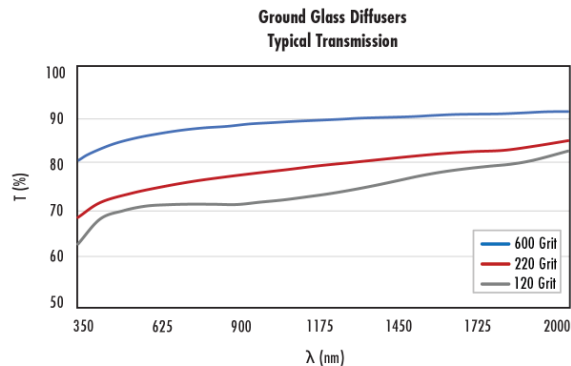
Product Details

- 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.

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Technical Information



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Compatible Mounts