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50mm Diameter 120 Grit Ground Glass Diffuser



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

-

1

+

£16^{.20}

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Volume Pricing	
Qty 1-10	£16.20 each
Qty 11+	£14.60 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

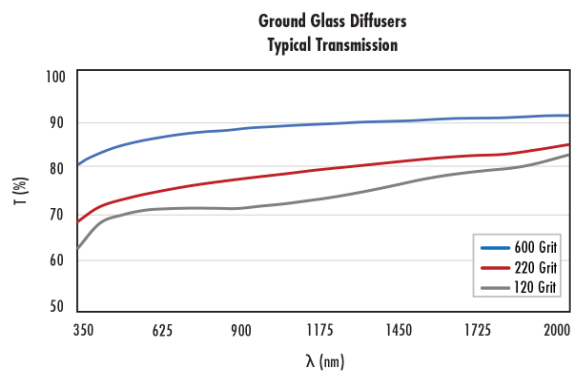
• Evenly Ground Surface for Even Diffusion

• **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