50 x 50mm 600 Grit Ground Glass Diffuser

Stock **#38-789** **20+ In Stock**

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SPECIFICATIONS

General

Type:	Ground Glass Diffuser
Note:	Sandblasted on first surface

Physical & Mechanical Properties

Dimensional Tolerance (mm): ±0.76	**Dimensions (mm):** 50.00 x 50.00
Edges: Seamed	**Grit:** 600
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.

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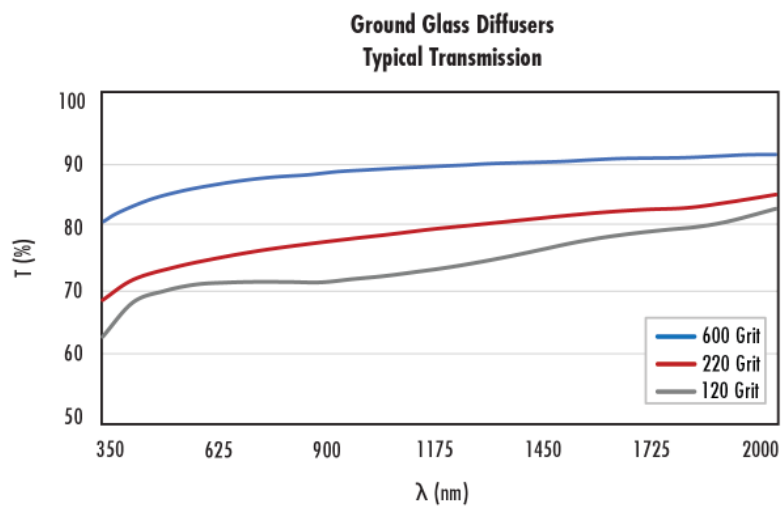
TECHNICAL INFORMATION



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COMPATIBLE MOUNTS