

[See all 44 Products in Family](#)

# 12.5mm Diameter 120 Grit Ground Glass Diffuser



Stock **#83-418** [CONTACT US](#)

-

1

+

C\$19<sup>.95</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | C\$19.95 each                 |
| Qty 11+        | C\$18.20 each                 |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                |
|----------------------------------|----------------|
| Ground Glass Diffuser            | Type:          |
| Sandblasted on first surface     | Note:          |
| Physical & Mechanical Properties |                |
| 12.50 ±0.25                      | Diameter (mm): |
| Ground                           | Edges:         |

|                                       |  |
|---------------------------------------|--|
| <div>Grit: <input type="text"/></div> |  |
| 120                                   |  |
| <div>Thickness (mm):</div>            |  |
| 1.60                                  |  |

Optical Properties

|                                            |  |
|--------------------------------------------|--|
| <div>Coating:</div>                        |  |
| Uncoated                                   |  |
| <div>Substrate: <input type="text"/></div> |  |
| Float Glass                                |  |

|                                   |  |
|-----------------------------------|--|
| <div>Wavelength Range (nm):</div> |  |
| 350 - 2000                        |  |

Regulatory Compliance

|                                        |  |
|----------------------------------------|--|
| <div>RoHS 2015:</div>                  |  |
| Compliant                              |  |
| <div>Certificate of Conformance:</div> |  |
| View                                   |  |

|                       |  |
|-----------------------|--|
| <div>Reach 235:</div> |  |
| Compliant             |  |

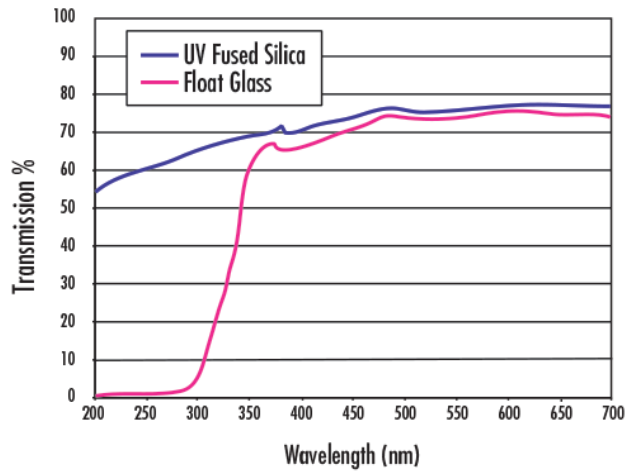
## Product Details

- 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



Diffuser Transmission

## Quote Your Size

## Compatible Mounts