

NEWS RELEASE

Precision Glass & Optics (PG&O®)

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For Immediate Release

PG&O® Introduces Customizable Opal Diffusers

- New opal diffusers are ideal for applications that require extremely uniform white light.

Santa Ana, CA – Feb. 27, 2023 – Precision Glass & Optics (PG&O – www.pgo.com), a global leader in optical manufacturing, precision thin-film coatings, and complete optical solutions, introduces **Opal Diffusers**. The new product is made from opal glass and can be polished to any thickness and/or bonded to any glass substrate. They are fully customizable to any size from 0.059 inches up to approximately 12 inches. Custom opal diffusers are useful in applications in which a very uniform white light is needed and when the customer needs to control the amount of diffusion for a specific task. This can be done by changing the overall thickness of the opal; the size and the shape of the part can also be customized.

According to PG&O President Dan Bukaty, Jr., “We are delighted to offer this new capability and product to current and new customers who may need a customized diffusion. The opal diffusers work better than ground glass diffusers because they are white and very uniform. We can shape the opal glass, or we can glue it to any of our other glass substrates to achieve the exact amount of diffusion without serious loss of lighting efficiency.”



To learn more about the company’s new Opal Diffusers, please call 714-540-0126. To request a quote, you may send your specifications or drawings to info@pgo.com. To find out more about PG&O’s full line of precision thin film optics and complete, turnkey optical solutions, please visit www.pgo.com.

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Precision Glass & Optics (PG&O®) – www.pgo.com - PG&O provides reliable and cost-effective, high-precision polished optics and prisms up to 30 inches diameter, precision thin-film coatings, custom and standard components, and turnkey optical solutions for operation in the 0.2 μm to 10 μm wavelength range. The company also offers highly durable sapphire optics for broad-spectrum applications and finished infrared optics fabrication services for mission-critical tasks.

Our extensive glass substrates inventory combines with our expanded polishing services, and other fabrication capabilities such as CNC machining, slicing, sawing, scribing, edging, and assembly, to deliver finished optics and precision thin-film coatings. Ask about our unique re-polishing services that can salvage fabricated thin-film optics. This can save an optics manufacturer time and money by replacing a dielectric coating that has been damaged or does not meet the specifications.

We have three large coating chambers, and an expert, in-house engineering staff to assure continuity and supply optical solutions to meet the vital demands of military, aerospace, biomedical, imaging, laser, avionics, digital cinema, life sciences, solar, display, homeland security, automotive, and emerging markets. From simple optics and plano optical components to complex shapes, precision and multilayer thin films, intricate assemblies, and custom optical design solutions, PG&O is your key supplier.

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