



Zenith Diffusion Material

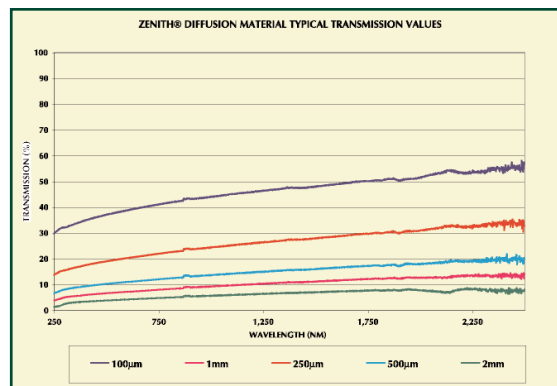
DURABLE, LOW COST DIFFUSERS FOR BACKLIGHTING SYSTEMS

FEATURES

- Lambertian
- Durable, Cleanable
- High transmittance with low backscatter characteristics

Our Zenith diffusers are made of a PTFE based polymer with unique optical properties. The thin sheets offer diffuse transmittance for a variety of light scattering applications, as well as diffuse reflectance and durability for a variety of backlighting applications. The material is ideal for use in radiometric and photometric diffusers, general backlighting, flat panel, and display applications.

Zenith diffusers are available in thicknesses of 100 μm , 250 μm , 500 μm and 1 mm with transmission values of approximately 8% to 50% over the wavelength region covering 250 nm to 2500 nm. Custom sizes and thicknesses are available upon request.



**TYPICAL
TRANSMISSION**

ORDERING INFORMATION

Order Number	Description	Thickness	Transmission
SG-3201	8 x 12 inch (20 x 30cm)	100 μm	approx. 50%
SG-3203	8 x 12 inch (20 x 30cm)	250 μm	approx. 25%
SG-3205	8 x 12 inch (20 x 30cm)	500 μm	approx. 16%
SG-3210	8 x 12 inch (20 x 30cm)	1 mm	approx. 8%

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As part of our product improvement program, specifications are subject to change without notice.

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