Extensive Line of Coatings from Abrisa Technologies Optimize Glass & Optics Performance

Santa Paula, CA – Abrisa Technologies, an ISO 2001: 2008 and ITAR registered company applies high precision optical coatings to the surface of glass substrates to alter the interaction with wavelengths of light in terms of reflectance, transmittance, and absorption as well as abrasion resistance and electrical conductivity. The extensive line of coatings offered by the company includes numerous standard and off-the-shelf treatments for prototype and high-volume production quantities. Custom coatings and filters are also available to suit unique customer application specific requirements.

Typical coatings include:

- Indium Tin Oxide (ITO) and Index-Matched Indium Tin Oxide (IMITO)
- Metal Coatings – Protected and Enhanced Silver, Aluminum, and Gold Mirrors
- Multi-band Films
- Hydrophilic, Hydrophobic and Oleophobic Coatings and Films
- Hot and Cold Mirrors
- Thin Film Polarizers
- Neutral Density Filters
- Covert and Semi Covert Filters (IR Surveillance)
- High Power Lasers
- Beam Splitters
- Dichroic Color Filters

Abrisa Technologies’ thin film coatings are applied via electron beam guns with ion-assisted deposition. Coatings and components can be provided from 200 nm to 20 microns, from the ultraviolet (UV) out to the far infrared (IR).

As coatings experts, Abrisa Technologies can not only apply coatings to a wide variety of technical and commercial glass substrates, multiple coatings may be applied to the same substrate as well as other glass fabrication processes such as strengthening, screen printing, cutting, drilling, polishing, cleaning, edge work, and more for an integrated optics solution.

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About Abrisa Technologies: Abrisa Technologies is headquartered in Santa Paula, California and is comprised of three divisions that provide precision optical products and services. The divisions include; Abrisa Industrial Glass, Inc., Sycamore Glass Components, and ZC&R Coatings for Optics. As a market leader in optical coatings and high quality precision glass fabrication, Abrisa Technologies is dedicated to providing premier customer service and cost-effective products that fit each customer’s exacting requirements. www.abisatechnologies.com

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