Santa Paula, CA – Abrisa Technologies now offers hydrophilic, hydrophobic, and oleophobic optical coatings that are ideally suited for cover plate display applications.

Hydrophilic coatings from Abrisa Technologies act positively with water, preventing fogging and providing optical clarity. The coatings reduce distortion by interacting positively with water, causing condensates to spread uniformly over the surface of the coated glass; sheeting water rather than forming droplets that scatter light.

Abrisa Technologies’ water repellant hydrophobic coating is an organic film that will not degrade or delaminate over time, virtually lasting indefinitely. The coatings can be applied on glass substrates for optics applications with wavelengths between 250 nm and 2,700 nm. Additionally, the rugged coatings comply with MIL-C-575C for severe abrasion. The hydrophobic coating can be provided in either a coated or laminated process. Ideal for touch screens, the coatings provide a barrier against dirt, dust, and a host of aqueous solutions.

Abrisa Technologies’ oleophobic coating process creates a glass surface that is impervious to dirt, dust, oils, and other particulates, resulting in a surface that is easier to clean. Oleophobic coatings are well-suited for projected capacitive (PCAP) and capacitive touch screens, handheld devices, teleprompters, virtual reality applications, and more.

Abrisa Technologies can provide hydrophilic, hydrophobic and oleophobic coatings on glass substrates from 0.1 mm to 25 mm thick. Coatings can be applied in conjunction with other Abrisa Technologies’ coating and fabrication processes for a highly customized, application-specific optics solution.
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.abrisatechnologies.com