# NEWS Release

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## Abrisa Technologies Publishes New
## Dead Front Panels for Backlit User Interfaces Product Brochure

Abrisa Technologies has recently published a new product brochure for its Dead Front Panels for Backlit Display and User Interface applications that gives equipment designers greater flexibility in achieving the overall clean lines and sleek uncluttered aesthetics they seek. When backlit, the Dead Front Panel illuminates and draws attention to icons and alpha-numeric indicators as required. When non-backlit, the icons remain hidden and the panel retains a more monochromatic and streamlined look



According to Susan Hirst, Product Development Manager at Abrisa Industrial Glass a division of Abrisa Technologies, "The dead front panels can be specified with either a 5 or 10% transmission level depending upon the application requirements. Additionally, Abrisa Technologies can produce the screen-printed panels with minimum features sizes down to 0.005" line widths on glass as small as 0.3" x 0.3" and up to 18" x 24" in size."
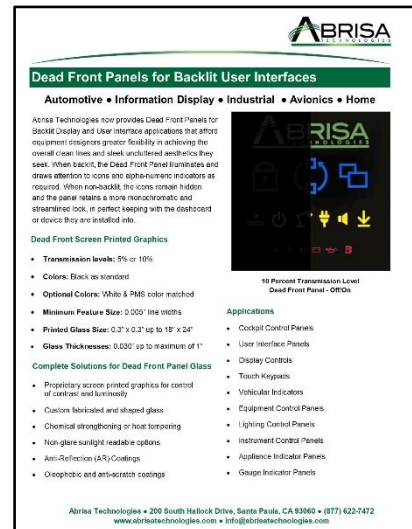
The panels are typically black, however, white or PMS color matching is available for branding or aesthetic requirements. The proprietary printing process graphics for the panels controls contrast and luminosity. The panels can be fabricated to any shape, they can be chemically or heat strengthened and can have anti-reflective (AR) coatings, oleophobic and anti-scratch coatings applied as well as be specified with non-glare, sunlight readable options.

Typical applications for Dead Front Panel glass includes, cockpit control panels, user interface panels, display controls, touch keypads, vehicular indicators, equipment control panels, lighting control panels, instrument control panels, appliance indicator panels and gauge indicator panels.

Susan further states, "The Dead Front Panels will survive an acetone rub test, meet the class 4B, 5B crosshatch razor scribe adhesions standards of ASTM D3359 and they will withstand temperatures up to 400$^\circ$F."

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Abrisa Technologies is a recognized, US based, global supplier of high quality, fabricated glass components, optical thin film coatings, and custom glass solutions for diverse industries such as microelectronics and displays, semiconductor, military, automotive, aerospace, biomedical, telecom and scientific R&D. We provide custom flat glass and coating products for applications such as: flat panel display, touch and gesture recognition, imaging and surveillance, entertainment, lighting, advanced instrumentation and photonics.

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