



**Valmark Industries**

A Kinetek Company®



## MEMBRANE SWITCHES, OVERLAYS, LABELING

### VALMARK

Valmark is the industry leader in engineering, manufacturing and testing of human-machine-interface (HMI) products. These products include membrane switches, touch screens/sensors, key panel assemblies, graphic overlays, EL lamps, EMI/RFI shielding and printed compliance labeling. For over thirty years, high-tech leaders like Apple Computer, Agilent Technologies, Abbott Laboratories, Sun Microsystems, and Plantronics have trusted Valmark quality, on-time delivery, and technical innovation to support cutting-edge products in the most competitive markets.

Electronic, medical, automotive, and office technology control panels depend on sophisticated membrane switch, touch screens/sensor, elastomer touch, and PCB assemblies. With multi-platform CAD/CAM systems, unique ink, dielectric, shielding, silver coating, and encapsulating technologies, Valmark works with each customer to develop their optimal solution.

Valmark provides high-quality, screen-printed graphic overlays for product identification, control panel assemblies, and signage. Thin-gauge plastics, polycarbonates, PET, PEN, PET-PC, FR-4, polyimides, and other base materials are all supported.

Valmark printed and die-cut shielding products are used by a variety of manufacturers to minimize EMI/RFI in electronic systems. From prototype to final run with attention to attenuation, galvanic compatibility, weight and size restrictions, cost, and delivery parameters at every stage.

Our labeling capabilities extend from consecutively numbered sets of bar coded labels to multi-colored, die-cut, reflective stocks with adhesive backs. On-hand inventory of papers, foils, vinyls, polyesters, films, polycarbonates, aluminum, and overlaminates assure quick turn-around for time-sensitive jobs.

Valmark — Experience. Quality. Technology. Delivery.

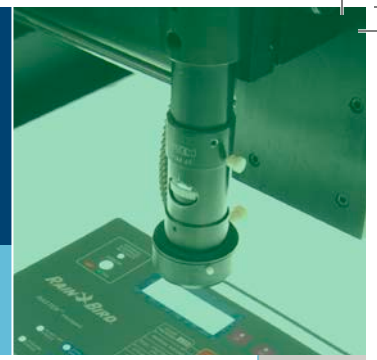


### Products/Technology

- Touch Screens/Sensors
- Membrane Switch Assemblies
- Key Panel Assemblies
- Graphic Overlays
- Electroluminescent Lamps
- EMI/RFI Shielding
- Compliance Labels

### Capabilities

- In-house graphic artists and engineers
- Laser image setting
- Digital prototyping and production
- Nitrogen curing for hardcoats and texture matching
- SMT Pick-n-Place
- Carousel print process with UV curing
- MacBeth-Gretag light booths, spectrophotometry, for accurate color match
- Accu-gage electronic visual inspection
- Digital and Analog membrane switch testing
- Broad inventory of materials and material science support
- Strong, effective service and support
- Laboratory and Agency requirement compatibility (UL, CSA, TUV, etc.)
- CAD-linked laser cutting systems
- Multi-platform CAD/CAM support
- Innovative processes and materials
- Photopolymer embossing, hydroforming

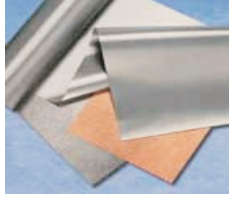


# Membrane Switches, Overlays, Labeling

## Key Panel Assemblies



## EMI/RFI Reduction



## Overlays



## Membrane Switch Assemblies



## Resistive Touchscreens



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