Permabond®
Engineering Adhesives

ADHESIVES FOR PERSONAL ELECTRONIC DEVICES



Permabond offers a range of adhesive technologies suitable for bonding, sealing, thread locking, and potting a wide variety of applications found commonly in personal electronic devices - or anything with a view or touch screen.

Adhesive use is widespread, and each item has unique requirements, but some of the common applications and solutions are found on the reverse. Engineers in these areas understand the advantages adhesives offer over mechanical fasteners which include greater freedom of substrate material choice, better strength performance, stress distribution, and a more pleasing finished appearance.

KEY FEATURES:

- Flexible and rigid solutions
- Dual curing UV curable adhesives which cure in shadowed areas
- Excellent shock and impact resistance
- Good environmental durability
- Various cure and set speeds
- Easily integrated into high speed production lines
- Non-yellowing products with good optical clarity
- Bond a variety of substrates
- Heat resistant products which withstand wave soldering processes
- Silicone, isocyanate and solvent free
- Single part - no need to measure and mix or use mixing nozzles
- 2-part adhesives in a variety of forms-manual measuring is not needed





IDEAL FOR BONDING:

- Cell Phones
- Control Panels
- E books
- Gaming Devices
- GPS units
- iPads
- Kiosk Displays
- Smart Boards
- Tablets
- Laptops
- Monitors
- MP3 Players

...and many more!

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If you don't see exactly what you require, please contact our technical advisors with information about your application and your particular requirements and we will make a recommendation. The Permabond team provides support through the design phase, sample trials and production line integration. Whether you require technical support, custom formulations, or small batch production, please contact us.

Application	Adhesive Types and Key Benefits
Battery Sealing	Permabond tougenened cyanoacrylates seal quickly to form a durable unit.
Camera Lens Bonding	Permabond UVs are fast, optically clear and high strength.
Display Bonding	Permabond UV curable and UV dual cure adhesives bond displays.
Keypad Bonding	Permabond instant adhesives (cyanaocrylates) provide fast strength development to secure keypads.
Lap Top Rubber Feet Bonding	Permabond cyanoacrylate adhesives (Instant adhesives, CA Glues) are fast and very effective.
Logo Bonding	Permabond low odor, non-blooming cyanoacrylate adhesives are ideal for logo bonding. Permabond UV curable adhesives are also available to bond or dome coat logo's.
Speaker Assembly	Permabond UVs, Cyanoacrylates and Structural acrylics are available for the many applications involved in speaker assembly.
Structural Case Bonding	Permabond epoxies and structural acrylics are ideal choices for manufacturing durable cases.
Touch Panel Lamination	Permabond UV adhesives and dual cure UV adhesives are available to suit applications with shadowed areas.

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