

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. At Permabond we understand that these diverse applications require a variety of adhesive technologies to suit each need. Including:

- Structural Adhesives
- Sealants
- UV Curable Adhesives
- Instant Adhesives

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.

Permabond® Adhesive Features & Benefits

- 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
- Adhesives which can be 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 where manual measuring is not needed
- Wide range of viscosity from wicking grades to thixotropic gels

Ideal for bonding:

Cell phones

Control panels

E books

Gaming devices

GPS units

iPads

Kiosk displays

Lap tops

Monitors

MP3 players

Smart boards

Tablets

+Many more devices
with screens



Permabond Adhesives for Personal Electronic Devices

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 toughened 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 (cyanoacrylates) 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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