

Adhesives

Display Enhancements

Bonding touch screens or glass electrical filters to LCD displays through the use of adhesives ruggedizes displays and improves optics and LCD readability. Touch International's specialized adhesives are proven to maintain strong, durable bonds while providing optimal clarity.

Types of Adhesives

UV Curable Adhesive

- Excellent Adhesion and Compliancy Properties
- Improves Sunlight Readability up to 400%
- Increases Impact and Scratch Resistance up to 300%
- Enables Thinner and Lighter Designs
- Low Curing Shrinkage
- Superior Bond Strength
- Optically Clear with 1.474 Refractive Index
- Highly Resistant to Yellowing, De-lamination or Bubbling
- Withstands Extreme Temperatures, Humidity, Shock and Vibration
- Optimized Viscosity of 950 – 1100 Centipose
- Solid Environmental Integrity for Use in High Altitudes and Stable at Low Temperatures



Two Part Adhesive

- Reduced Particulate Debris Formation
- More Rigid Bond Formation than Silicone-RTV
- Insulates Electrical Components and Protects Them from Short Circuiting and Environmental Damage

Silicone Adhesive

- Withstands High Temperatures
- Soft Material, Easy to Re-Work Problematic Bonds During Production
- Used in Commercial and Military Applications for Over 20 Year to Bind Displays
- Tendency to Form Particulate Debris if Bond Edge is Rubbed During Handling
- Edges are Usually Sealed with a Configuration That Does Not Expose the Edge to Abrasion