

LC 2100 GEL



Long Lasting



Gap Filling



No Cracks



Fast Curing



Flexibility

UV Acrylic Adhesive with superior mechanical properties: High Tg and High Elongation

Born2Bond™ LC 2100 Gel is a high-performance UV acrylic adhesive engineered to deliver an exceptional combination of thermal resistance and mechanical flexibility. With its unique balance of high glass transition temperature (Tg) and high elongation, it provides robust structural bonding while maintaining mechanical flexibility. Transparent when cured and easy to dispense, it offers outstanding adhesion on a wide variety of substrates and is compatible with multiple dispensing systems, making it ideal for demanding industrial applications.

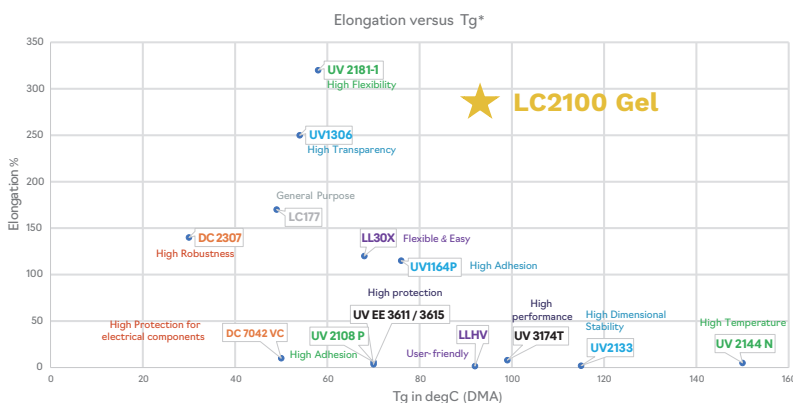


FEATURES

- UV curing
- High Tg and High Elongation
- Very good adhesion on PC, FR4, Transparent Polyamide, Polyimide, Metal and Glass
- Gap filling up to 2 mm
- Easy to dispense

TYPICAL APPLICATIONS

- General assembly
- Luxury goods
- Electronics
- Audio
- Fast bonding of metal, plastic and glass parts



UV Acrylate - General purpose

UV Acrylate - Plastic bonding

UV Cyanoacrylate - Light Lock

UV Acrylate - Metal/Glass bonding

UV Acrylate - Dual Cure

UV Cationic Epoxy

LC 2100 GEL

VISCOSITY Brookfield @ 23°C, 2 rpm	100,000 – 140,000 mPa·s
ELONGATION ISO 527	250 to 290%
GLASS TRANSITION TEMPERATURE ISO 6721-11	92 °C
TENSILE STRENGTH ISO 4587	25 to 30 MPa
HARDNESS (SHORE) ISO 868	45 to 50 D
FIXTURE TIME LED 405 nm (500mW/cm ²)*	1 s
PACKAGING	30 and 600 cc cartridge

* Measured with UV Meter LEDCure L-405. Some specific materials might be more challenging to bond than others, please consult our technical support for guidance.