Light-Curable Materials for Wearable Medical Device Assembly

- Passes ISO 10993-10 for sensitization and irritation
- Free of IBOA and TPO
- Compatible with common and difficult-to-bond substrates, including PC, PI, PVC, TPU, & SS
- Optimized for LED light curing at 405 nm
- Moisture and thermal shock resistant
- Fluorescing grades available

Dymax 2000-MW adhesives are designed for the assembly of medical wearable devices where skin sensitivity is a concern. These products are free of IBOA and TPO, and pass ISO 10993-10 for sensitization and irritation. They can help enhance the reliability of your medical wearable devices with their exceptional bond strength and dependable performance against moisture and thermal shock. They are engineered to provide strong bonds to a variety of substrates commonly used in the production of medical wearable devices and deliver excellent performance even when used with difficult-to-bond substrates. 2000-MW adhesives cure in just seconds with light, and are optimized to cure with UV LED light at 405 nm. Additionally, adhesives formulated with fluorescing technology are available for quick and easy post-cure bond-line inspection.

Typical Applications

- Medical smart monitoring devices
- Patient monitoring devices
- Large volume injectors
- Vital sign monitoring devices
- Continuous glucose monitors
- Diabetes care devices
- Pain management devices
- Sleep monitoring devices

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