



Smart Bonding Solutions for Reliable Display Performance

From Concept to Serial Production – Your Bonding Partner for Displays

Reliable display assemblies require more than selecting the right adhesive material. Lohmann works closely with customers to develop bonding solutions that fit both the specific application and the manufacturing process.

Our services include:

- On-site support by international application engineering teams
- Supply chain resilience through global production and logistics presence
- In-house testing equipment and test method development
- Scale-up support from prototype to serial production ramp
- Process integration support: from manual applicators to fully automated high-speed assembly
- Development of solvent-free adhesive systems and sustainability-supporting bonding technologies
- Specification work in close cooperation with OEMs, ODMs and Tiers
- Member of the DFF – the Global Network for Display Professionals
- Robust, well documented, traceable and fully auditable processes

Solution portfolio for next-gen displays:

- Screen Protection
Antistatic Protection Film (ESD)
- Segmented Frame Bonding
PE Foam Tapes
- Screen bonding
PE/Acrylic Foam Tapes
- Display Lamination
Optically Clear Adhesive Tapes
- Heat Sink Bonding
Thermally Conductive Tapes
- EMI Shielding & Grounding
Electrically Conductive Tapes
- FPC Bonding
Adhesive Transfer Tapes, PET Tapes
- Bonding of Electronics
PE Foam Tapes
- Dampening & Cushioning
PE Foam Tapes
- Back Cover Bonding
Acrylic Foam Tapes
- Membrane Switch Bonding
Transfer Tapes / Spacer Laminates



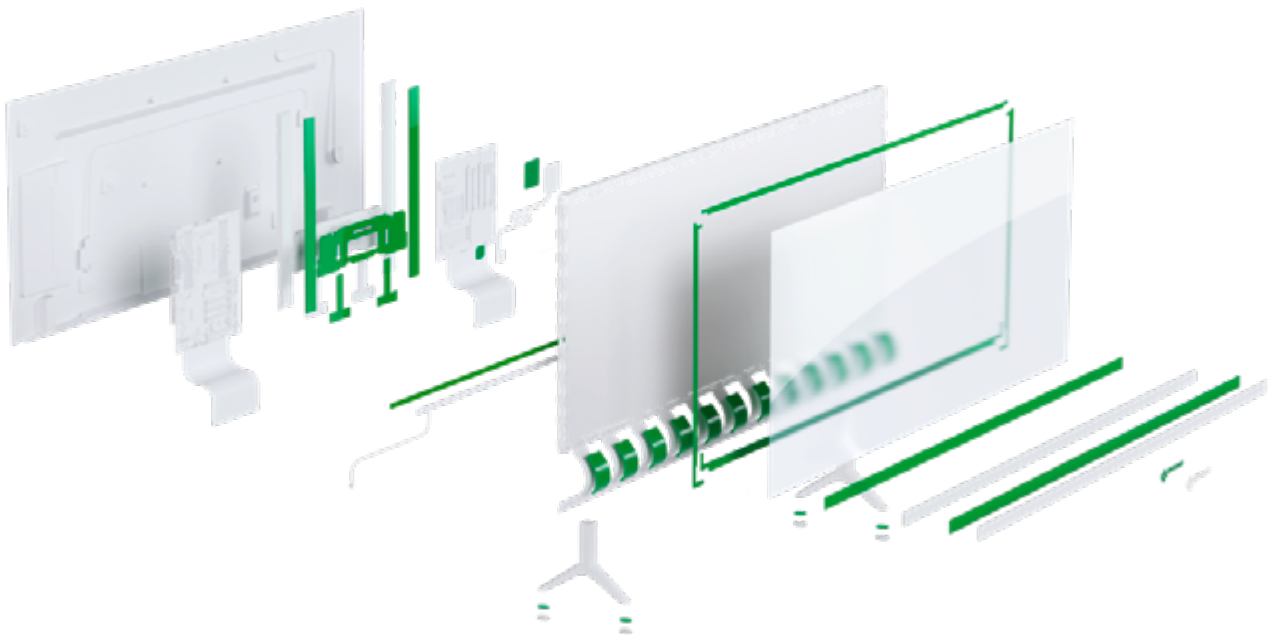
Invisible strength for visible innovation

From immersive curved automotive displays to ultra-slim consumer devices and robust industrial HMI, display technologies are advancing fast. Frameless designs, flexible substrates, OLED and Micro-LED panels, and transparent displays place increasing demands on bonding technologies.

Lohmann develops multifunctional adhesive tapes for display assemblies, enabling optically clear bonding, reliable fixation on narrow bonding areas as well as thermal and electrical management within compact device architectures.



Electronics

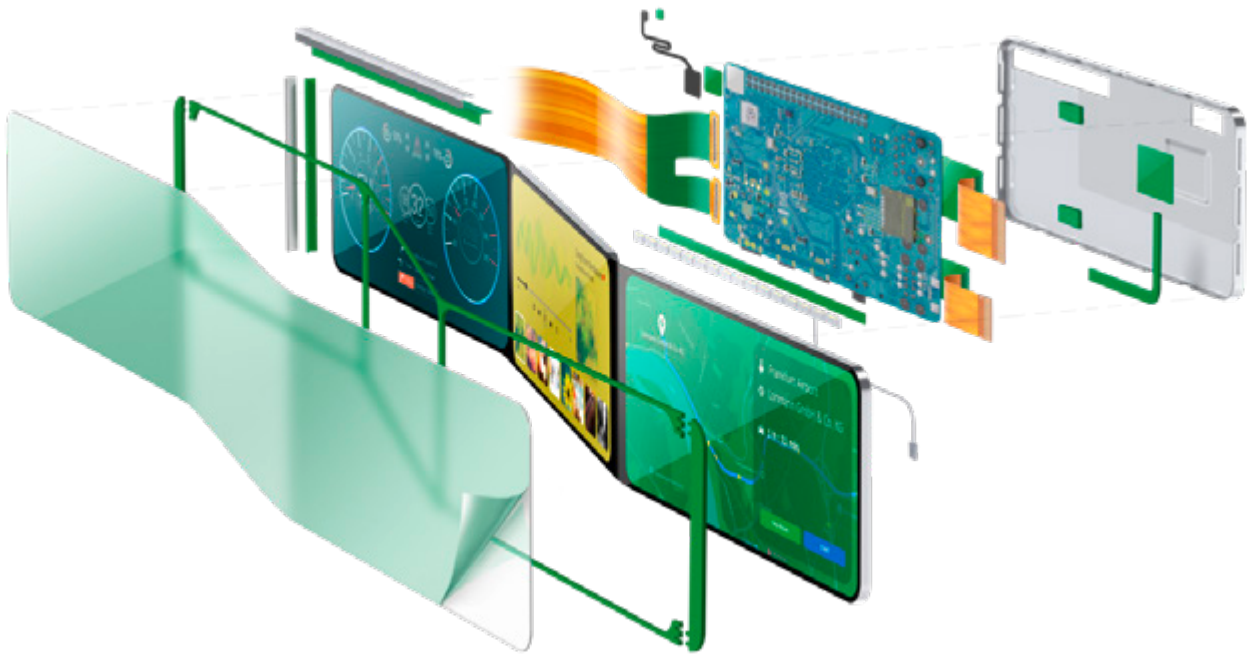


Consumer
Electronics

Consumer Devices

Frameless and ultra-slim designs in smartphones, tablets, wearables, and large-format TVs demand strong bonding at minimum thickness. Lohmann's optically clear tapes enable distortion-free display lamination, light-blocking black tapes define sharp, seamless display borders, cushioning foams protect against everyday impact, and antistatic films prevent ESD damage during assembly.

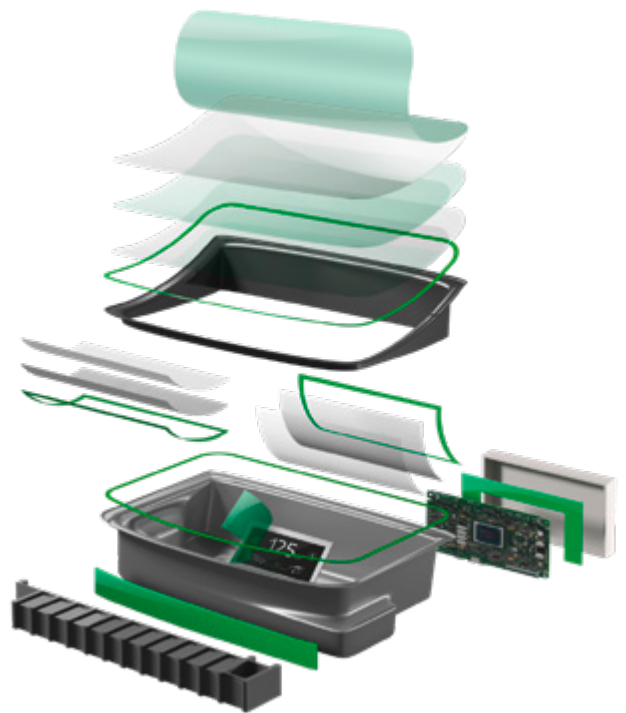


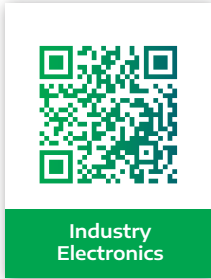
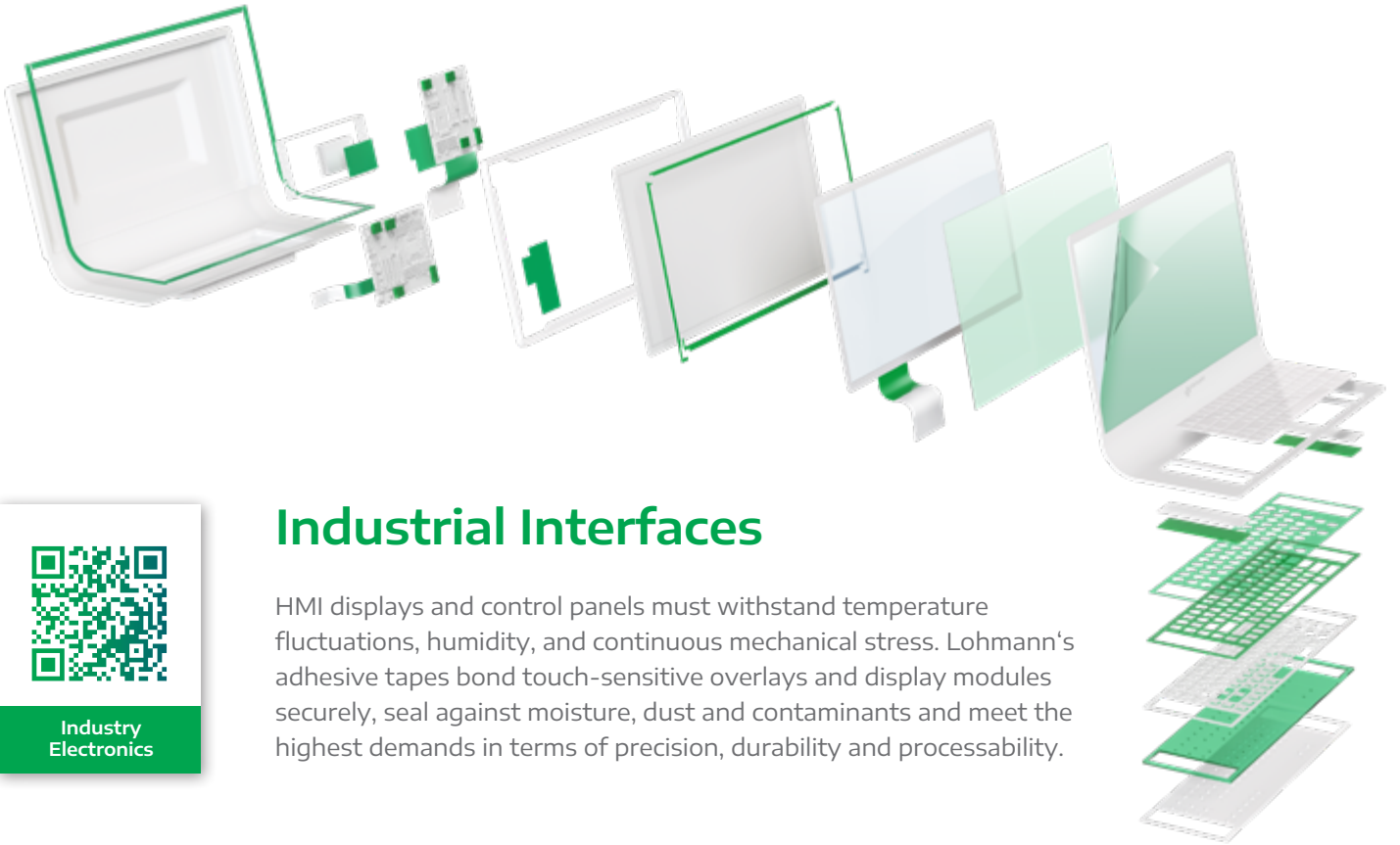


Automotive
Electronics

Automotive Displays

From instrument clusters and panoramic center stacks to head-up displays and passenger screens – automotive displays face extreme thermal loads, vibration, and tight packaging in curved assemblies. Lohmann offers heat-resistant bonding solutions, thermally conductive or EMI shielding tapes, and high-load-carrying foam tapes that absorb vibration while maintaining structural integrity.





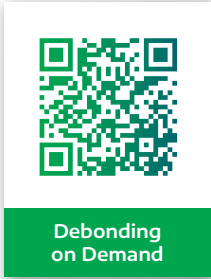
Industry
Electronics

Industrial Interfaces

HMI displays and control panels must withstand temperature fluctuations, humidity, and continuous mechanical stress. Lohmann's adhesive tapes bond touch-sensitive overlays and display modules securely, seal against moisture, dust and contaminants and meet the highest demands in terms of precision, durability and processability.

Debonding on Demand: Adhesion when you need it, release when you don't

Debonding on Demand (DoD) is becoming a key enabler in display manufacturing – supporting reparability, component replacement, and compliance with sustainability requirements. Lohmann is developing adhesive systems that bond reliably during operation and release in a controlled manner on demand, preserving component integrity for reuse or recycling.



Debonding
on Demand





The perfect bonding solution?
The one tailored to your application.
We support you **from the idea** to its
integration **into your process**.



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Get in touch!

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